

FIG. 1

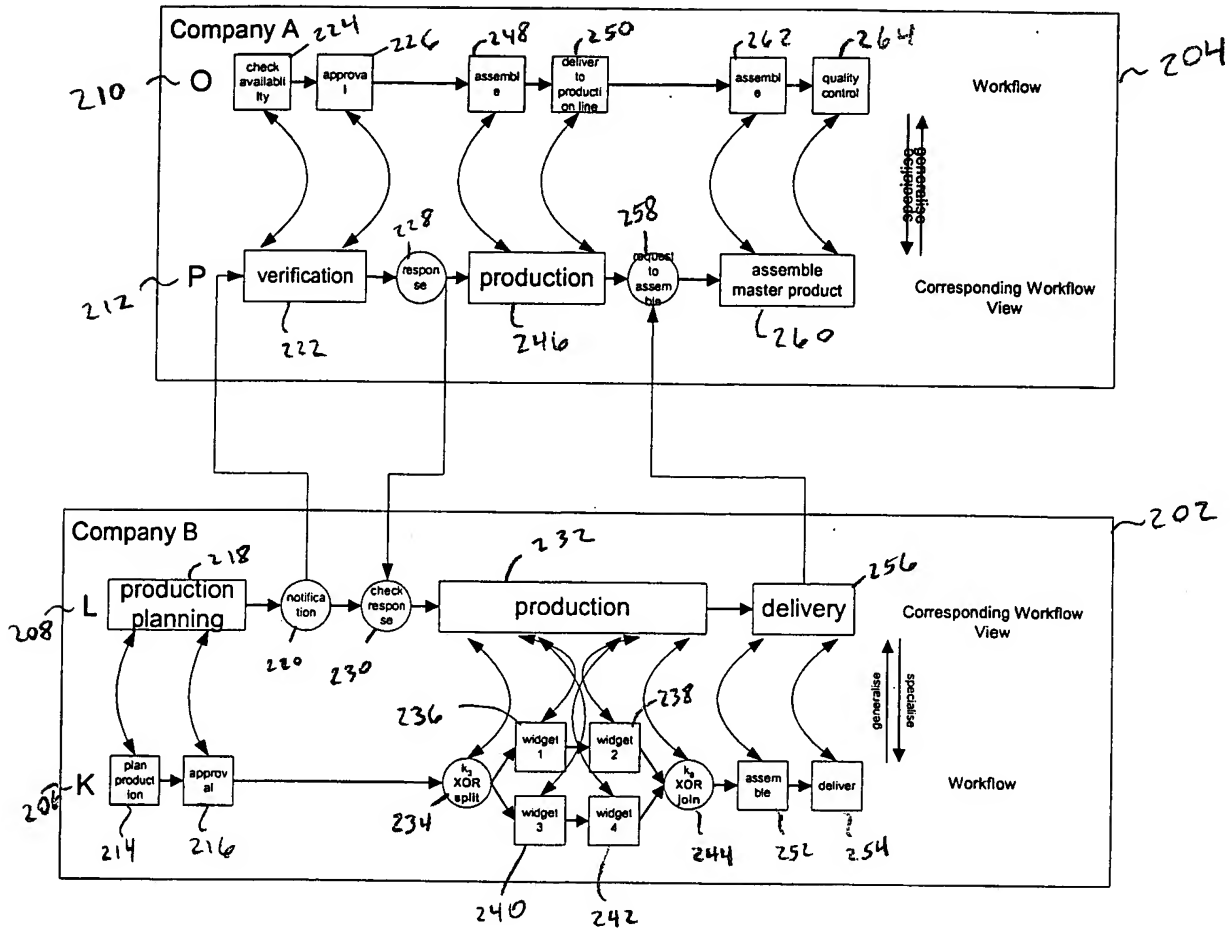


FIG. 2

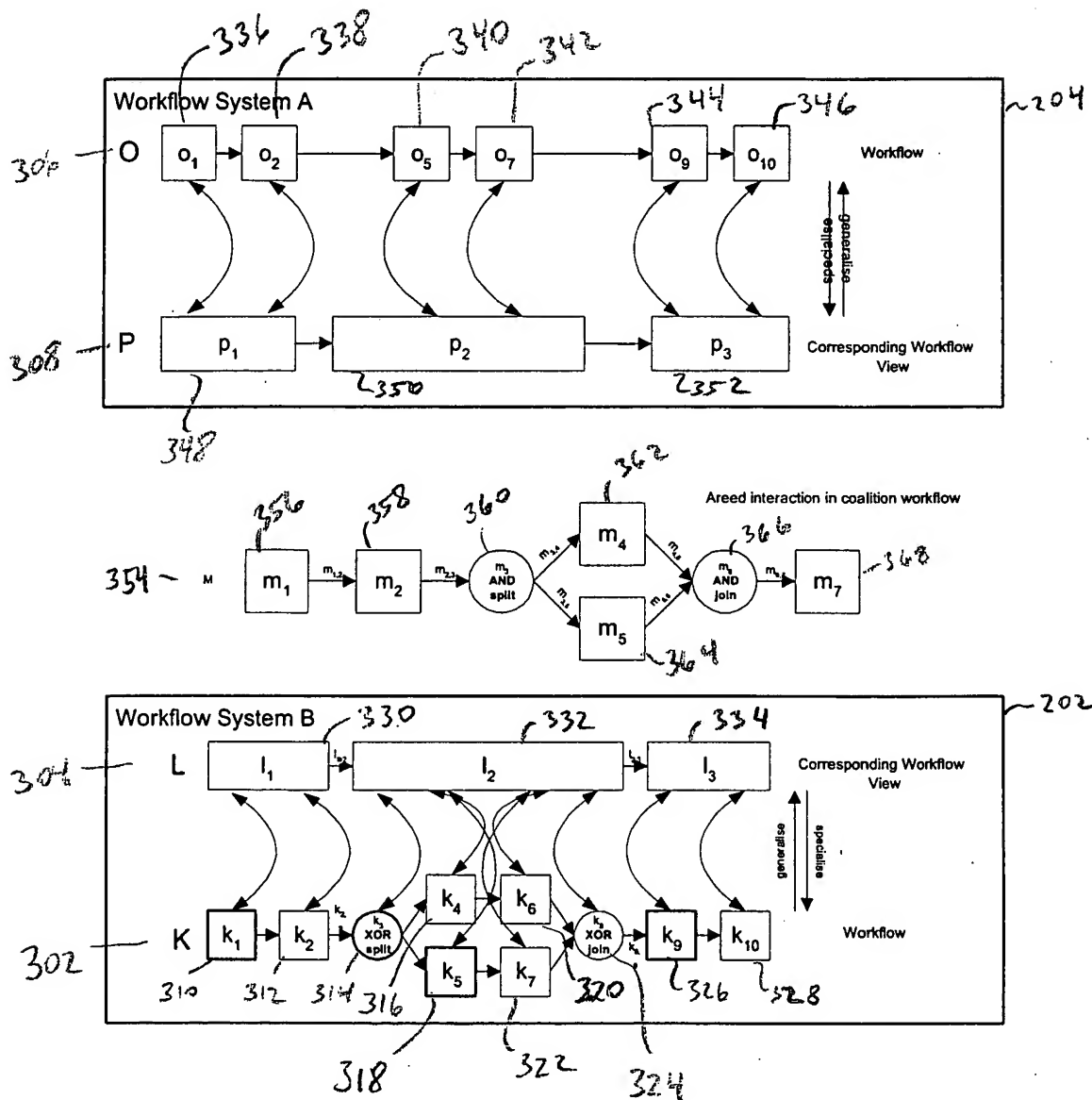


FIG. 3

400

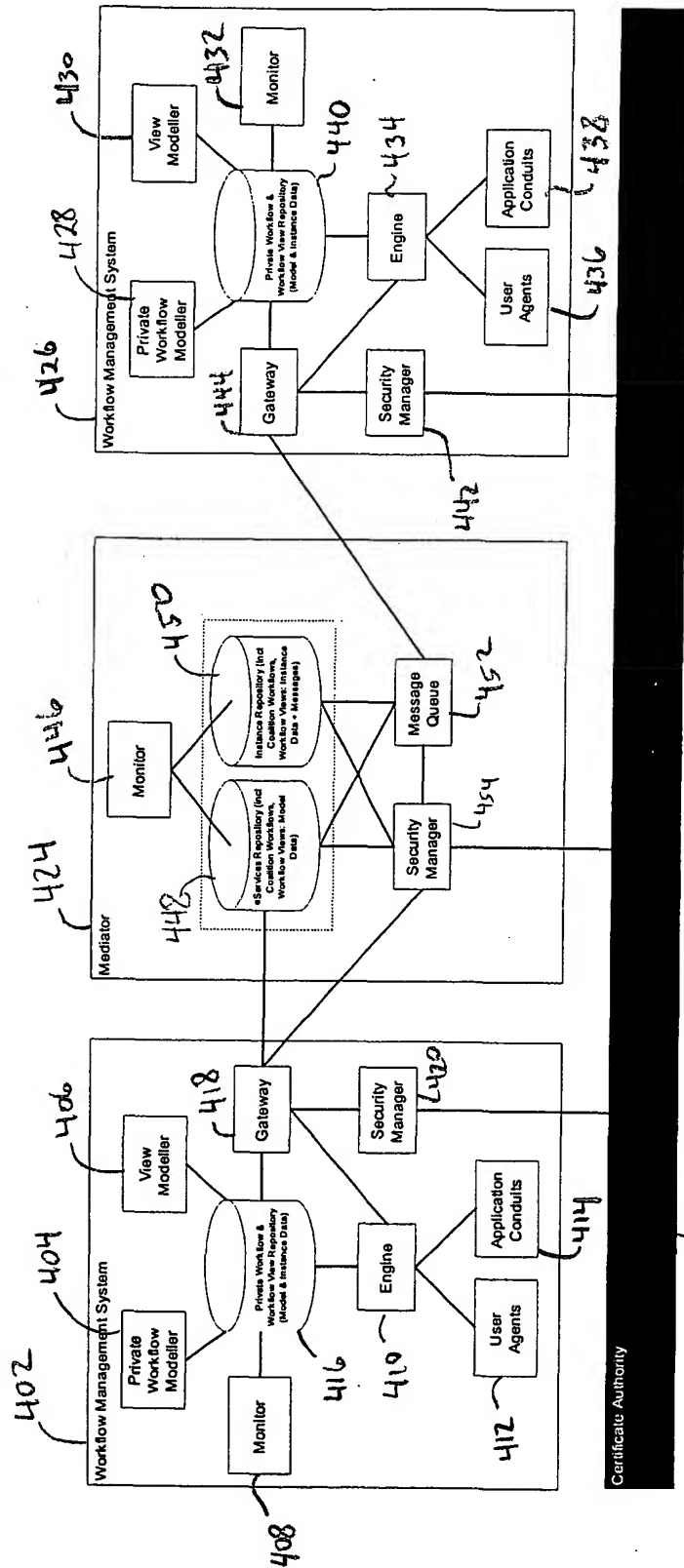


FIG. 4

422

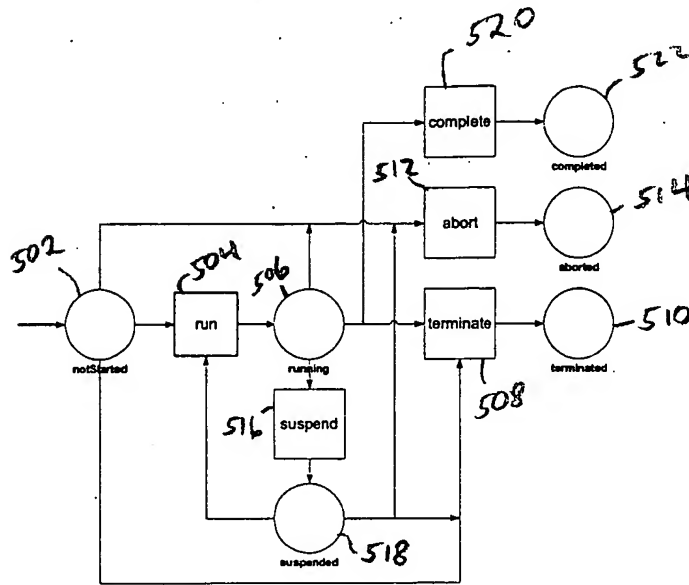


FIG. 5

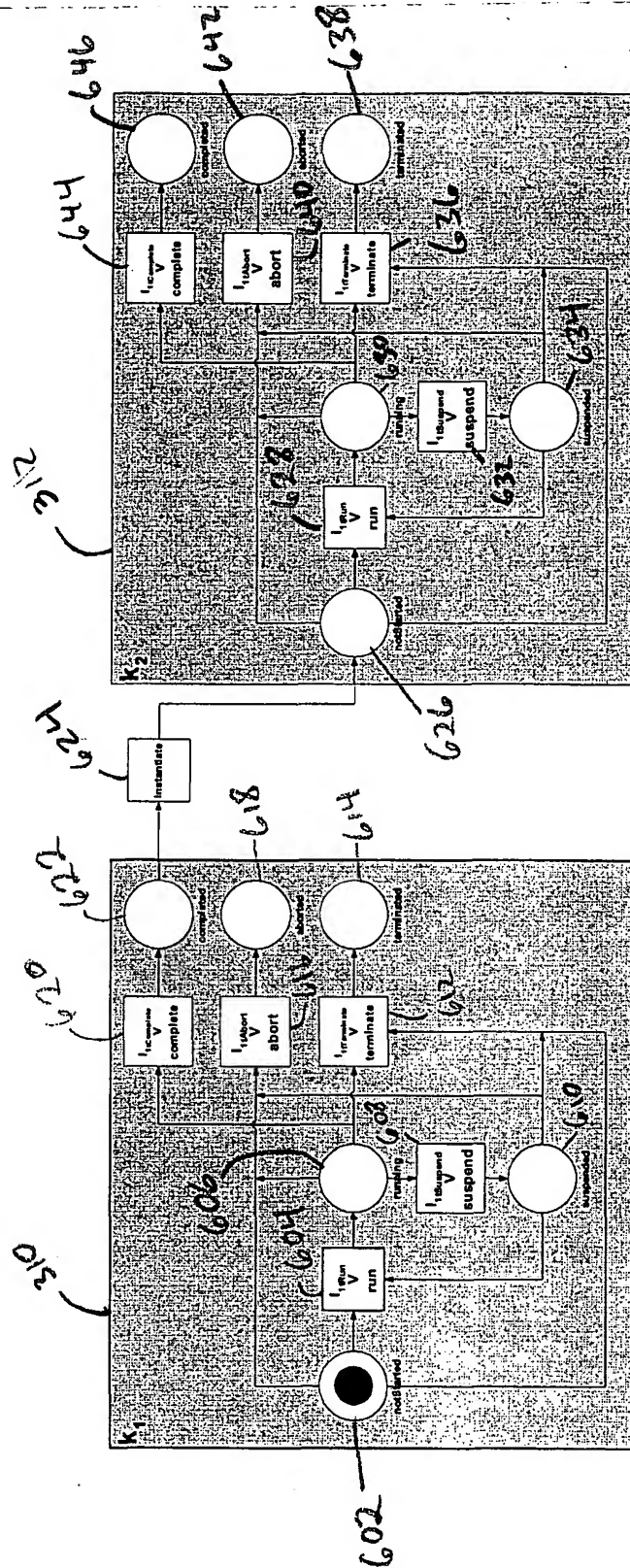


FIG. 6

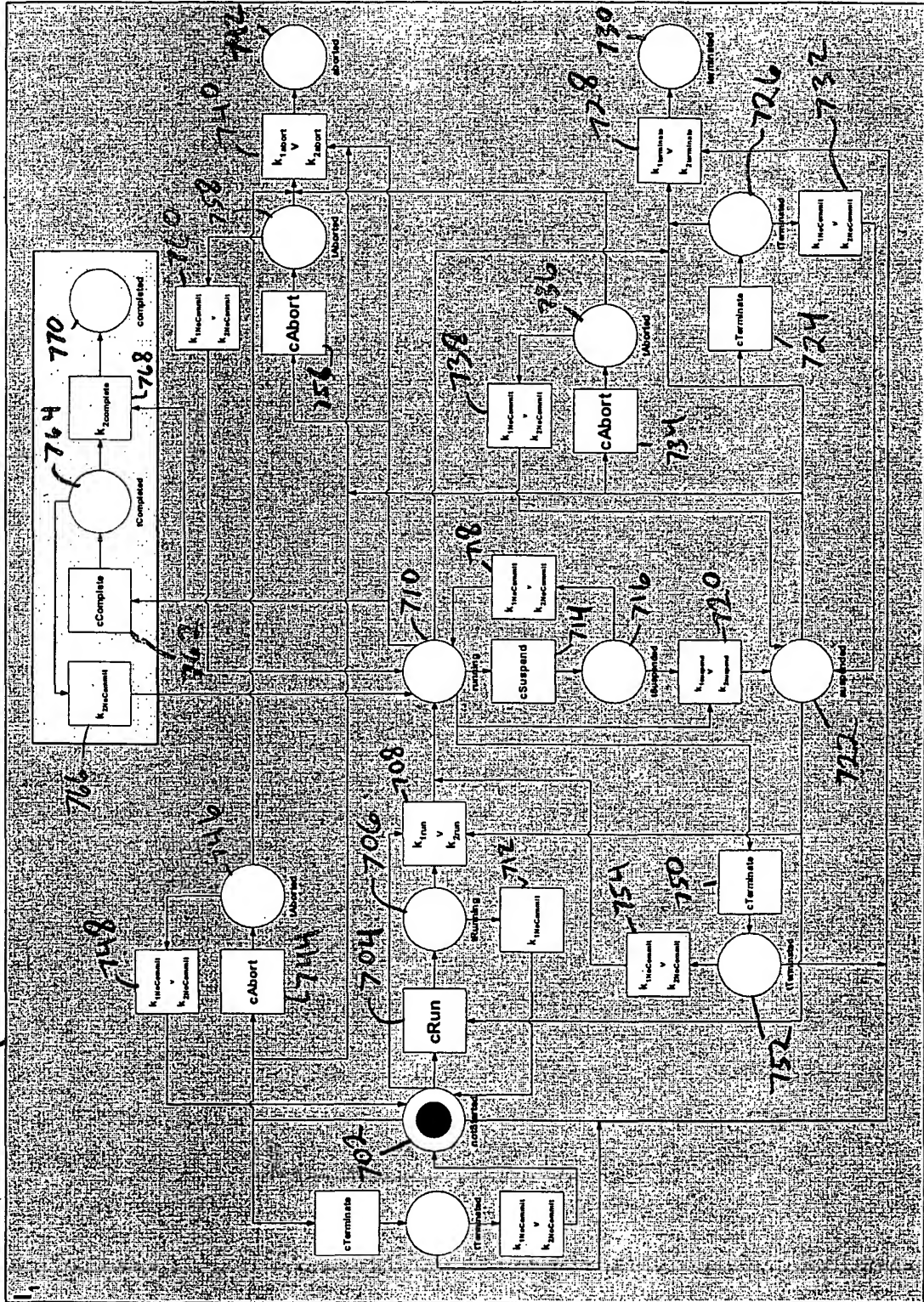


FIG. 7

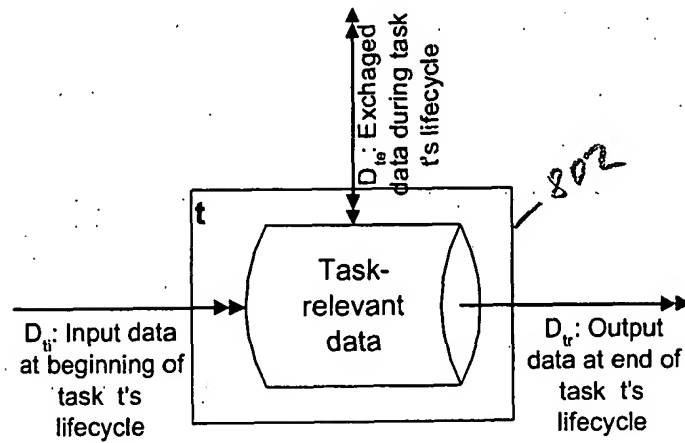


FIG. 8

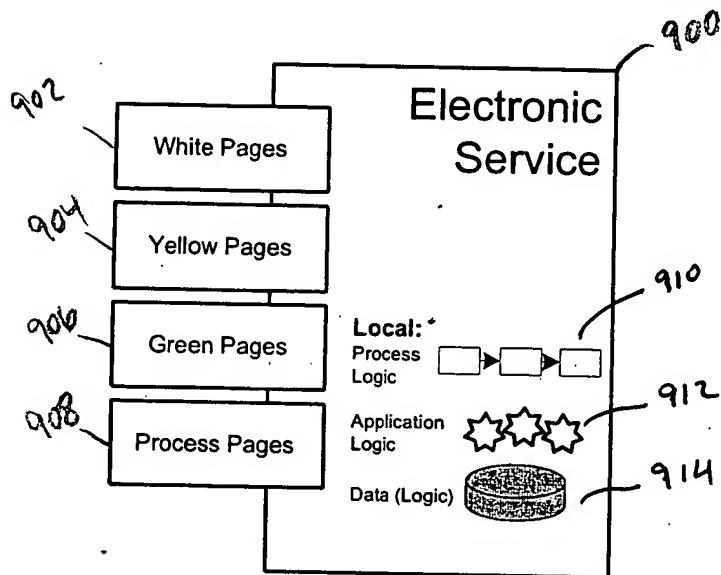


FIG. 9

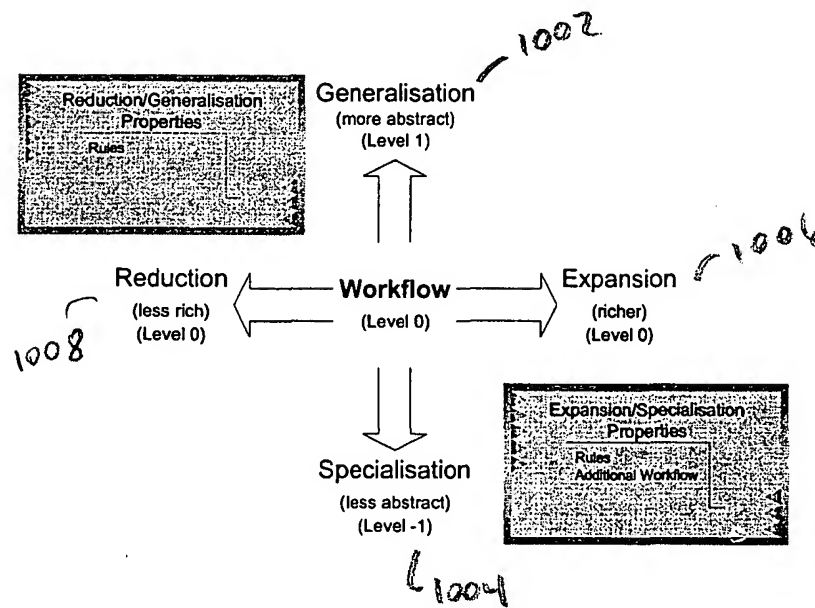


FIG. 10

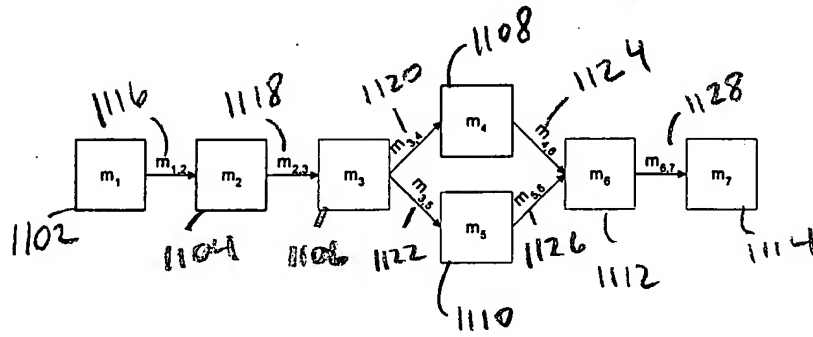


FIG. 11

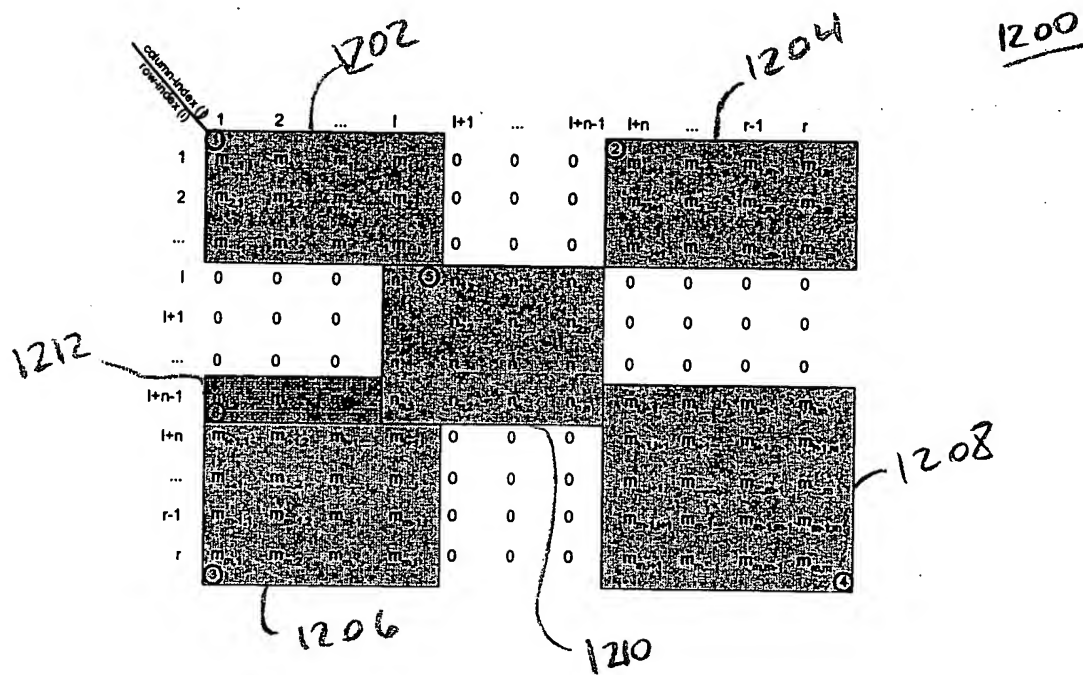


FIG. 12

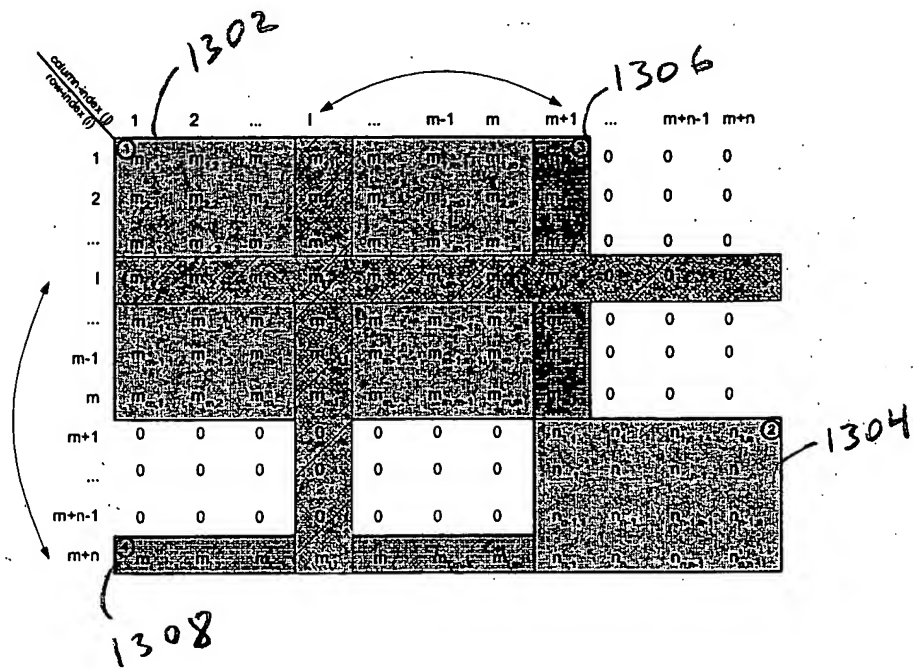


FIG. 13

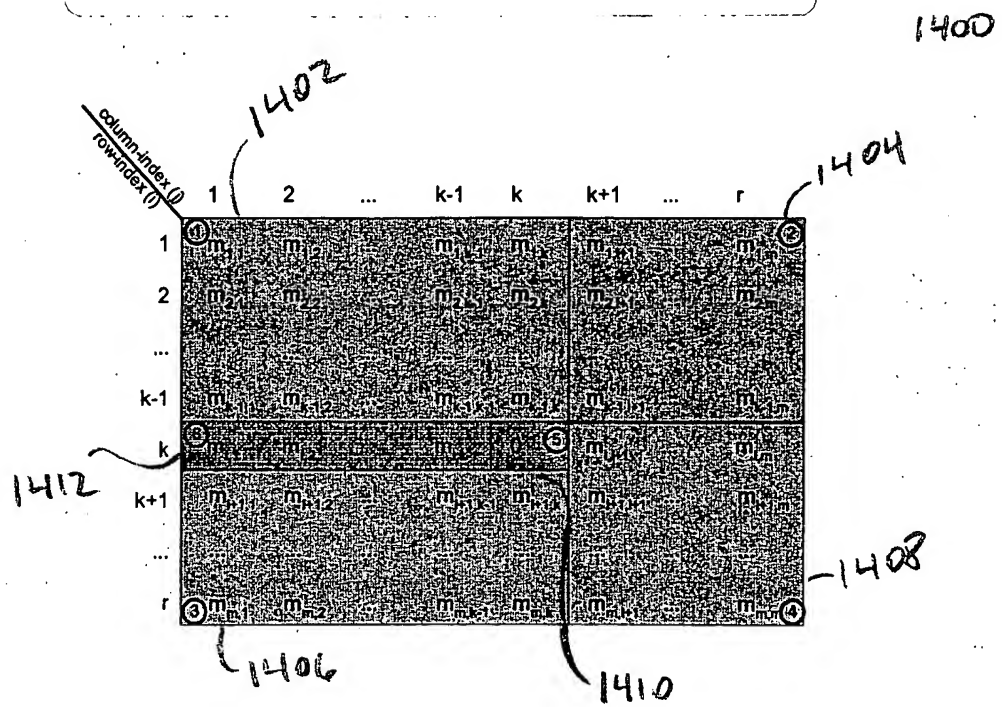


FIG. 14

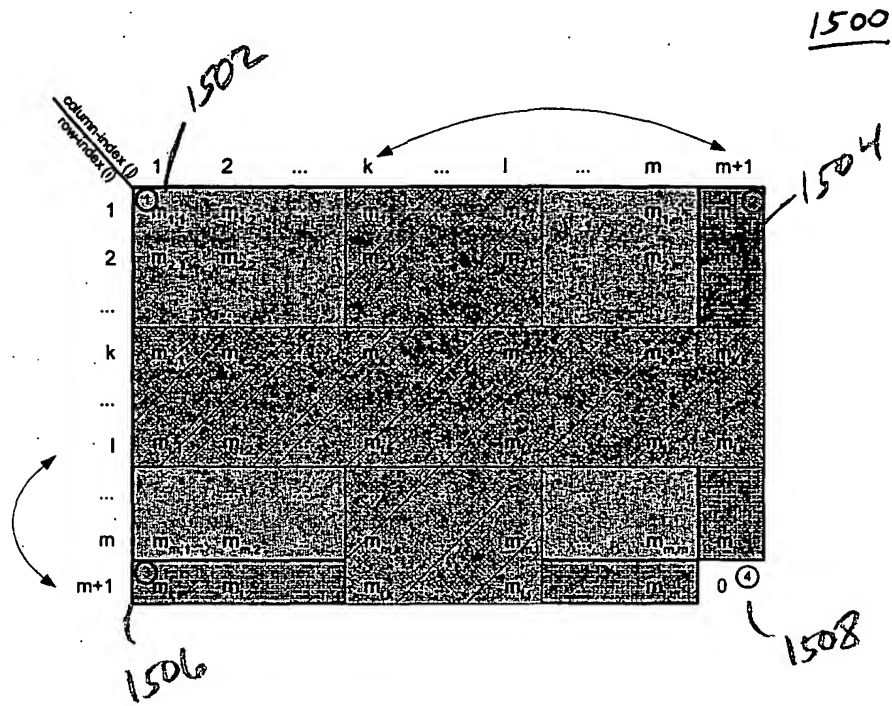


FIG. 15

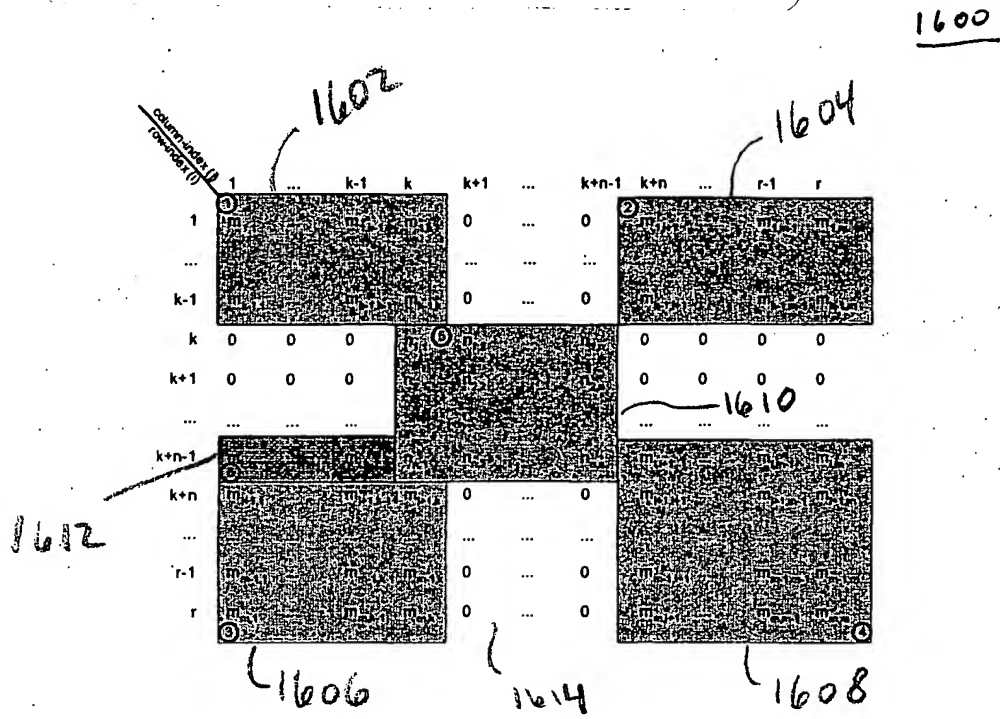


FIG. 16

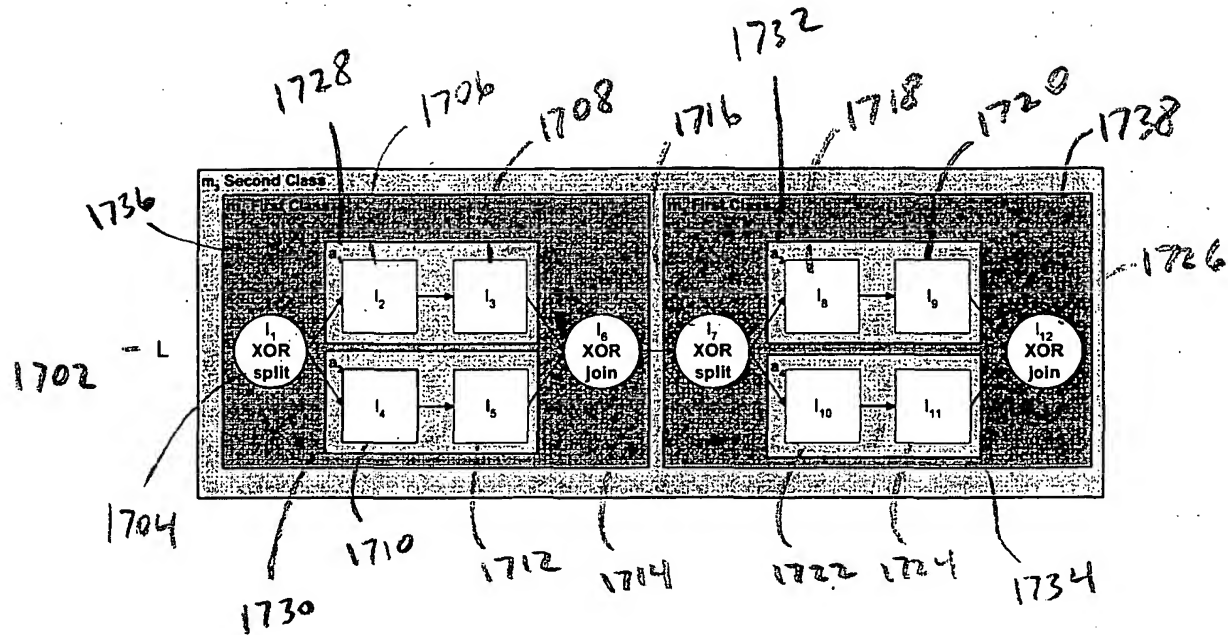


FIG. 17

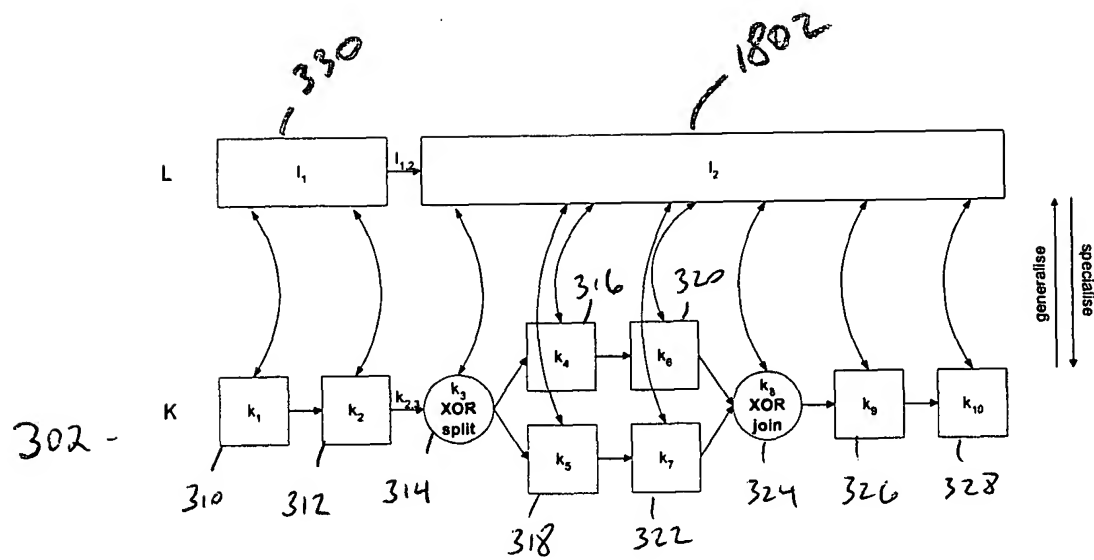


FIG. 18

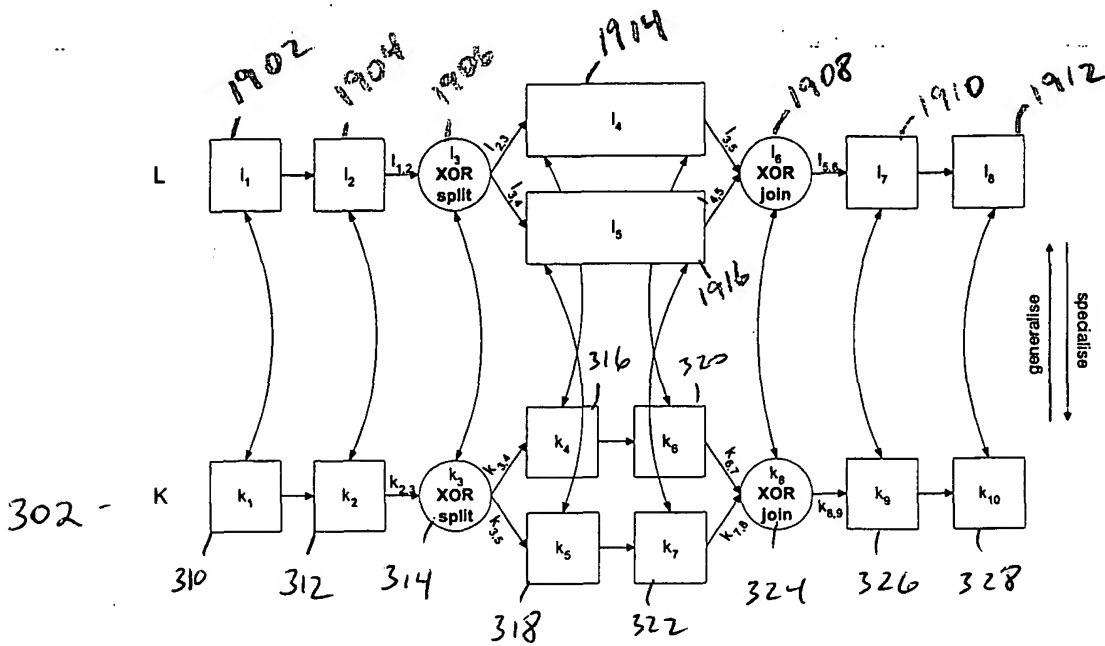


FIG. 19

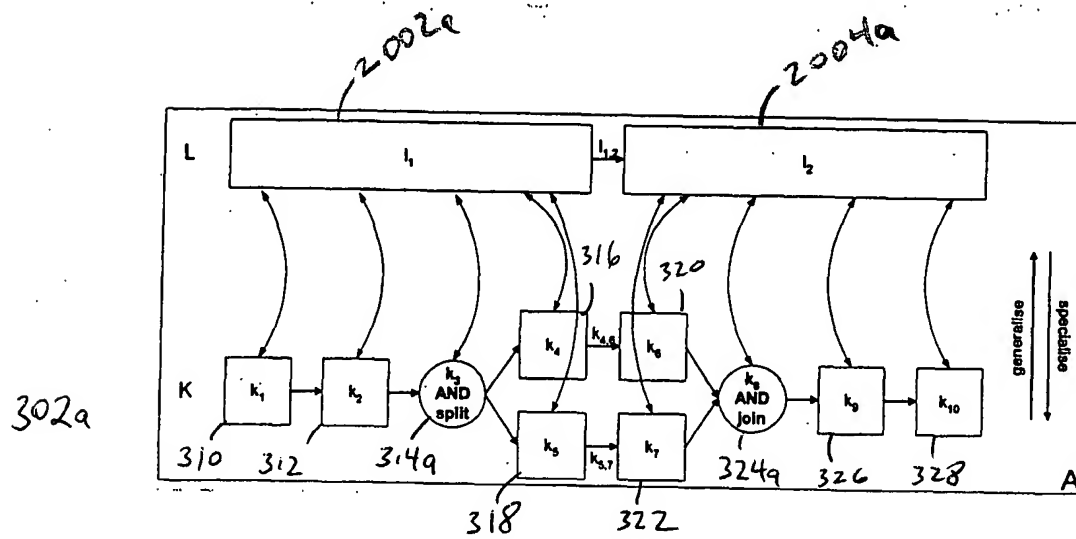


FIG. 20A

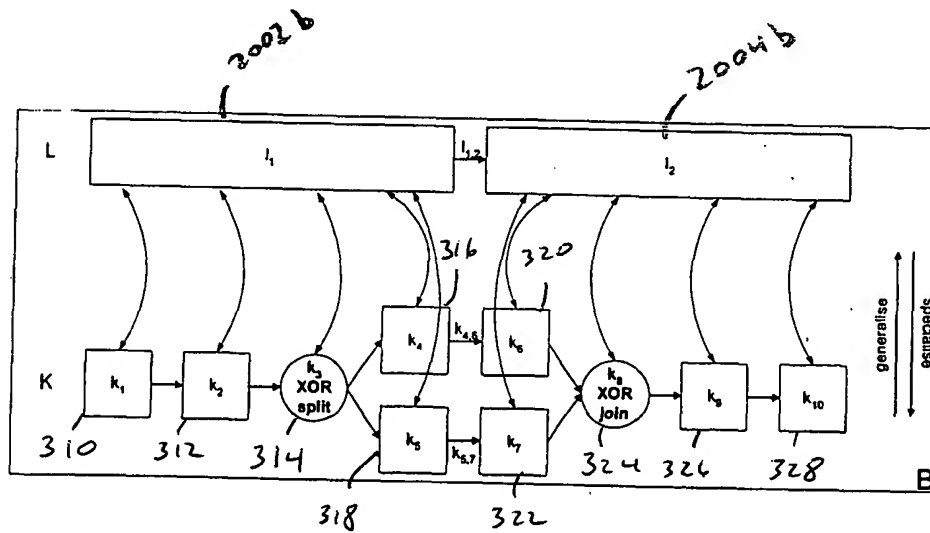


FIG. 20B

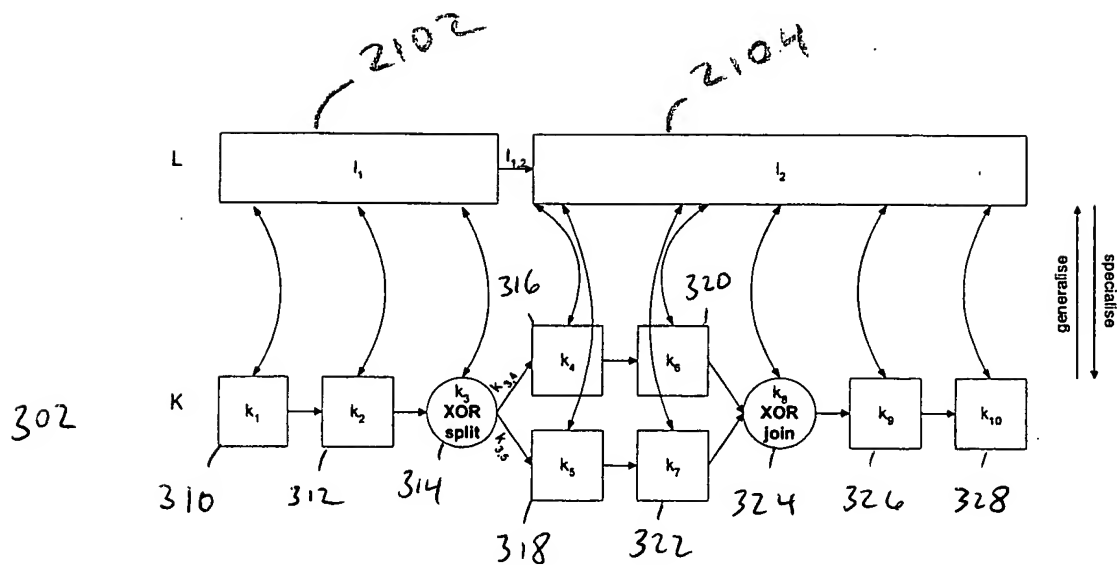


FIG. 21

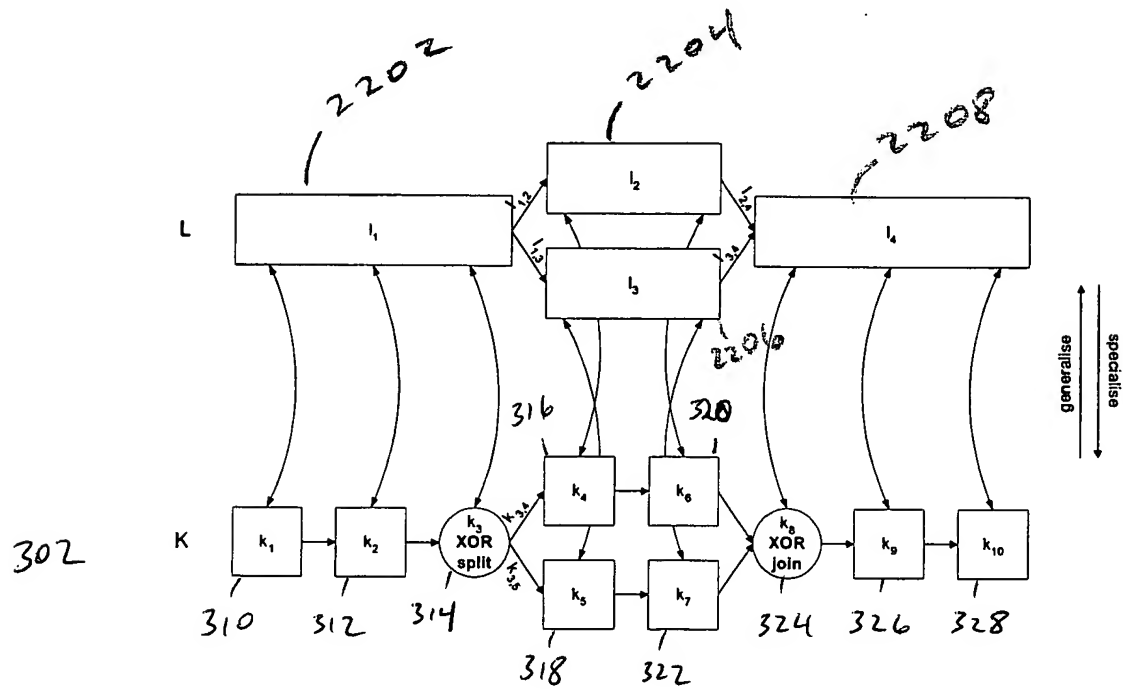


FIG. 22

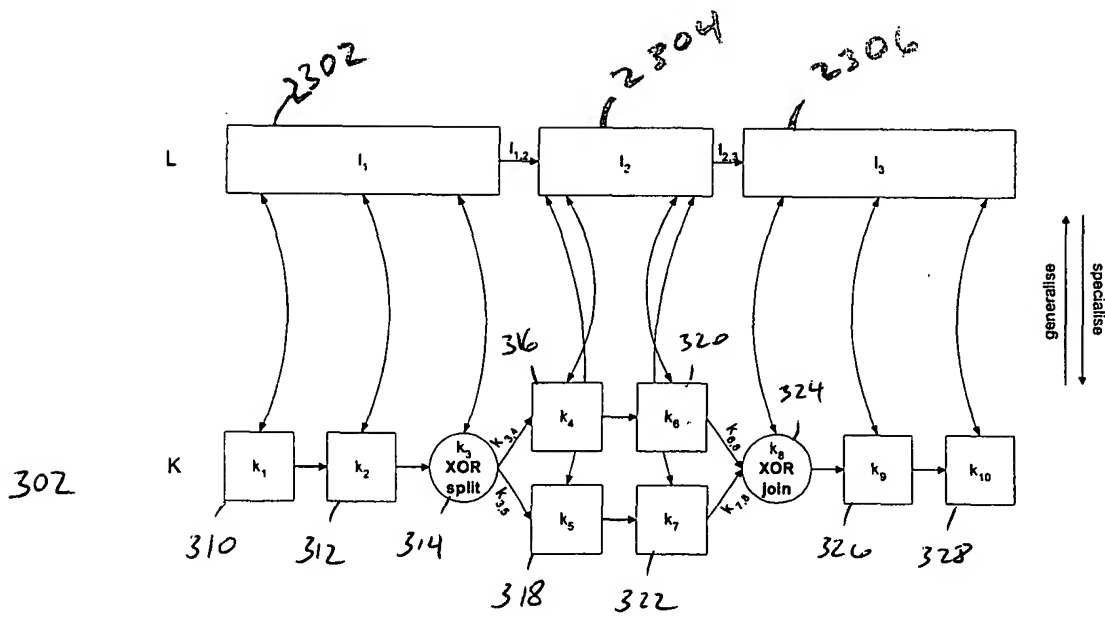


FIG. 23

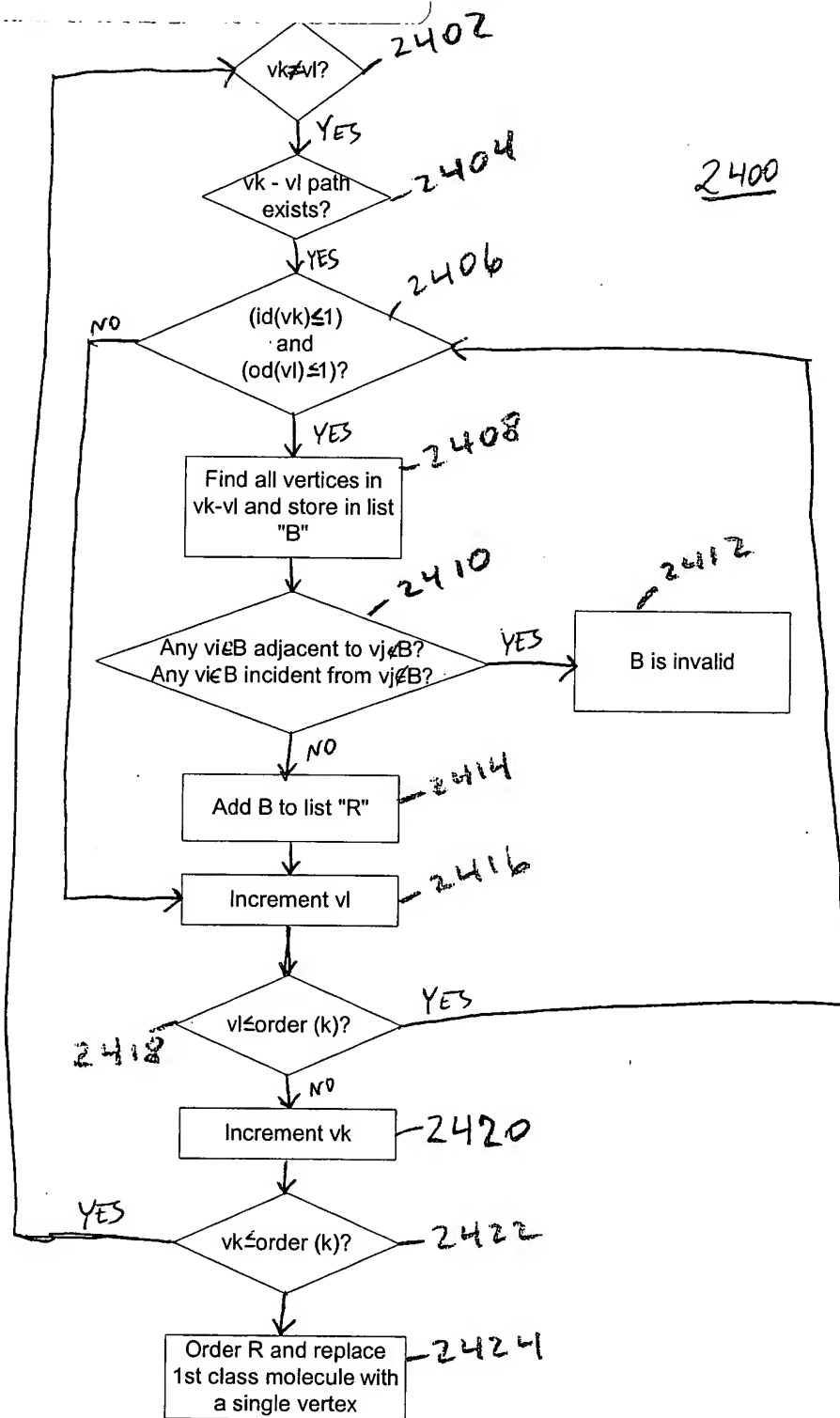


FIG. 24

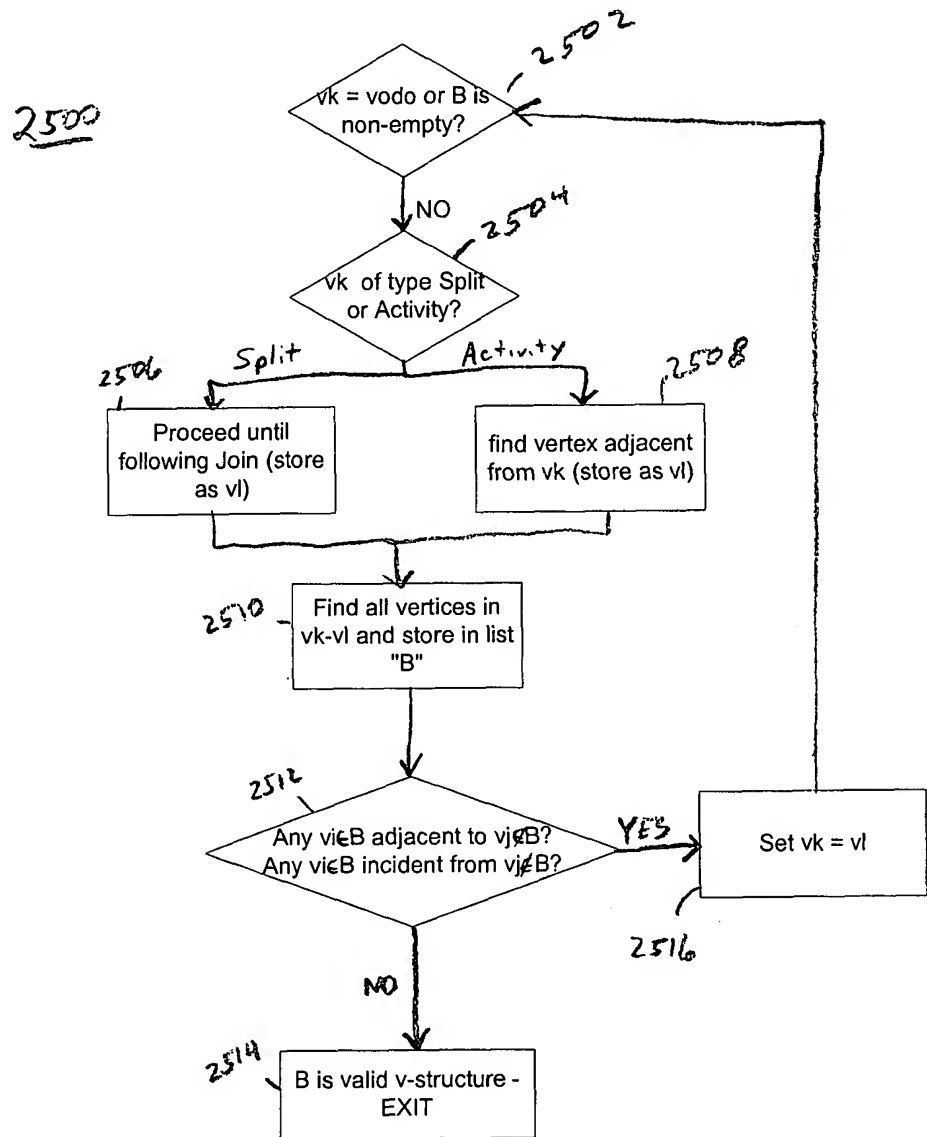


FIG. 25

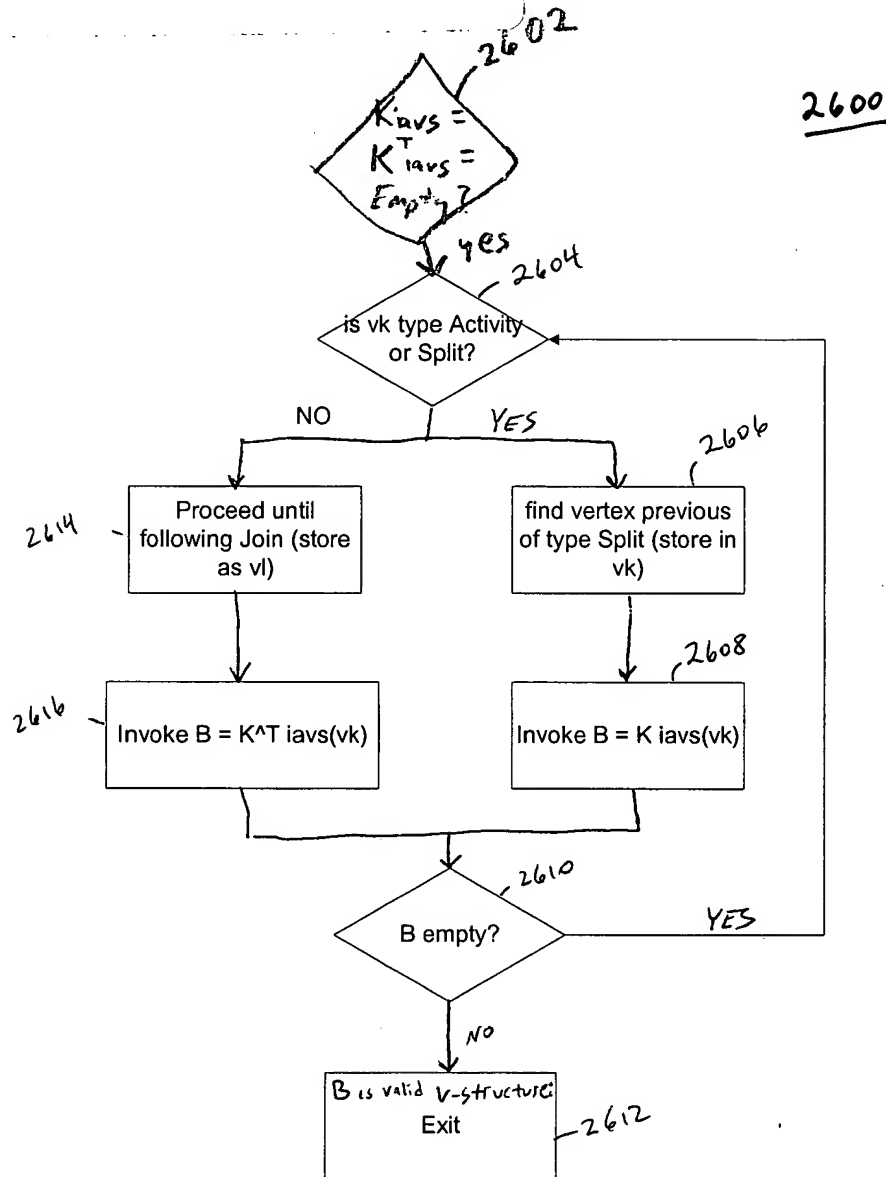


FIG. 26

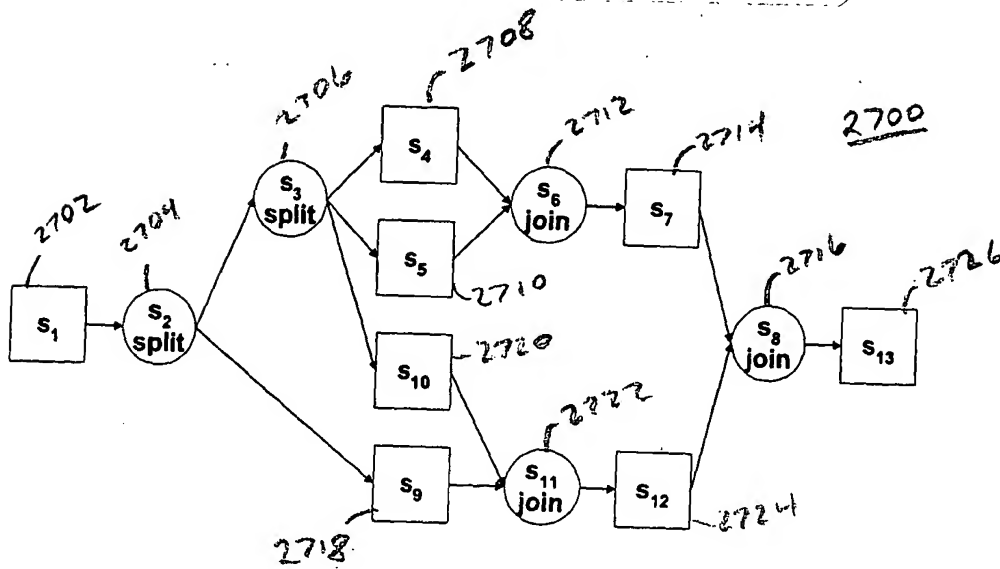


FIG. 27A

v_k	$S_{\text{Iavse}}(v_k)$
s_1	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_2	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_3	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_4	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_6	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_7	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_9	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{10}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{11}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{12}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{13}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}, s_{13}\}$

FIG. 27B

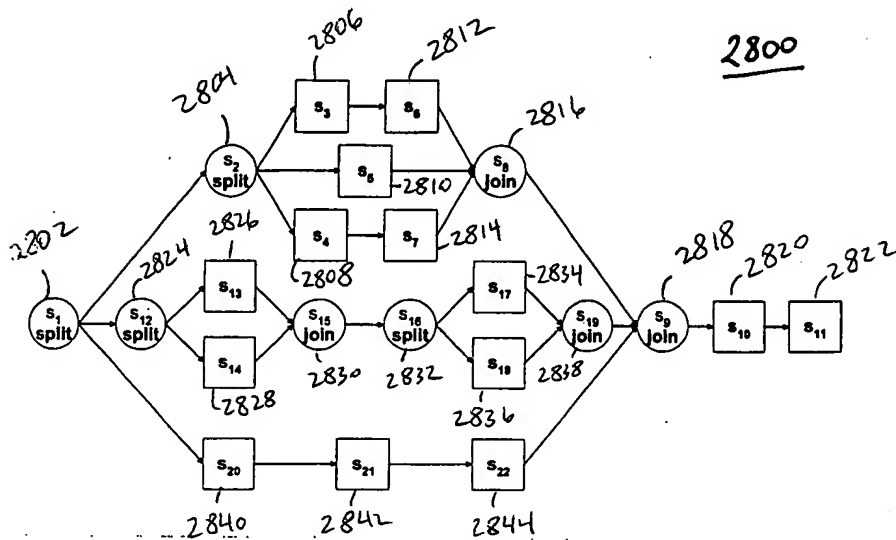
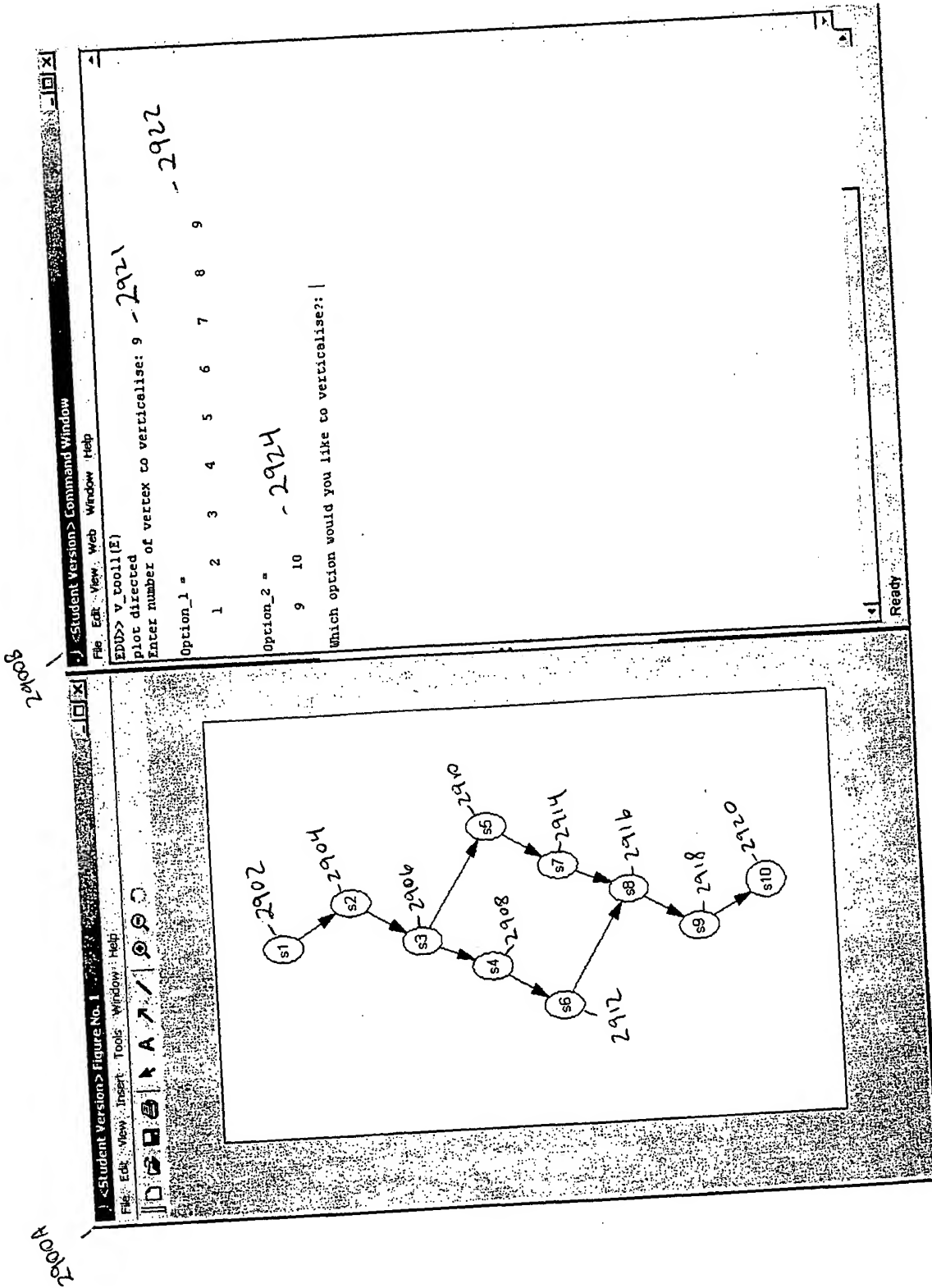


FIG. 28A

v_k	$S_{iavs}(v_k)$
s_1	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s_2	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_3	$\{s_3, s_6\}$
s_4	$\{s_4, s_7\}$
s_5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_6	$\{s_3, s_6\}$
s_7	$\{s_4, s_7\}$
s_8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_9	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s_{10}	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\},$ $\{s_{10}, s_{11}\}$
s_{11}	$\{s_{10}, s_{11}\}$
s_{12}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{13}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{14}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{15}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{16}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{17}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{18}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{19}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{20}	$\{s_{20}, s_{21}\}$
s_{21}	$\{s_{20}, s_{21}\}, \{s_{21}, s_{22}\}$
s_{22}	$\{s_{21}, s_{22}\}$

FIG. 28B

2900



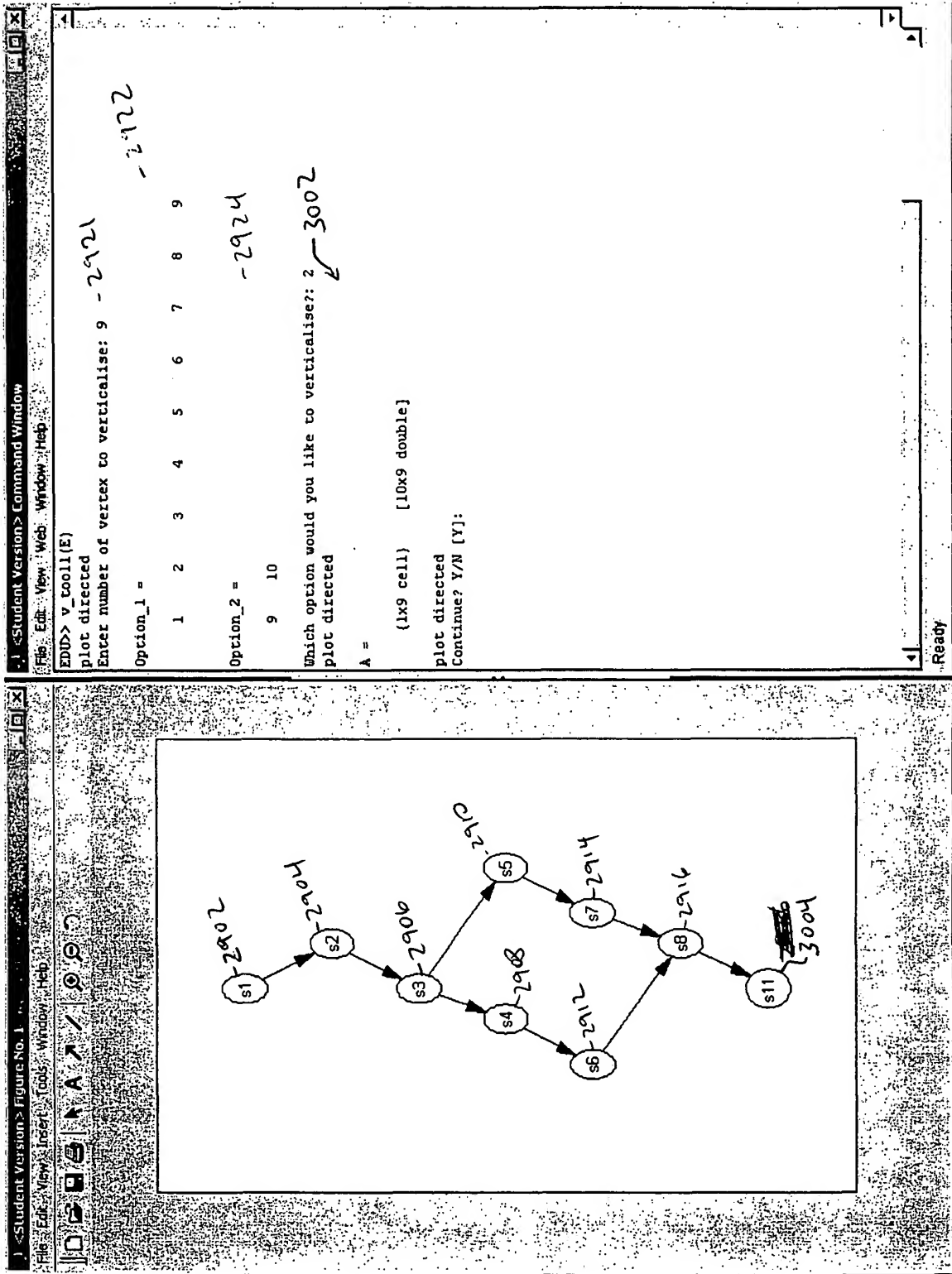


FIG. 30

3100

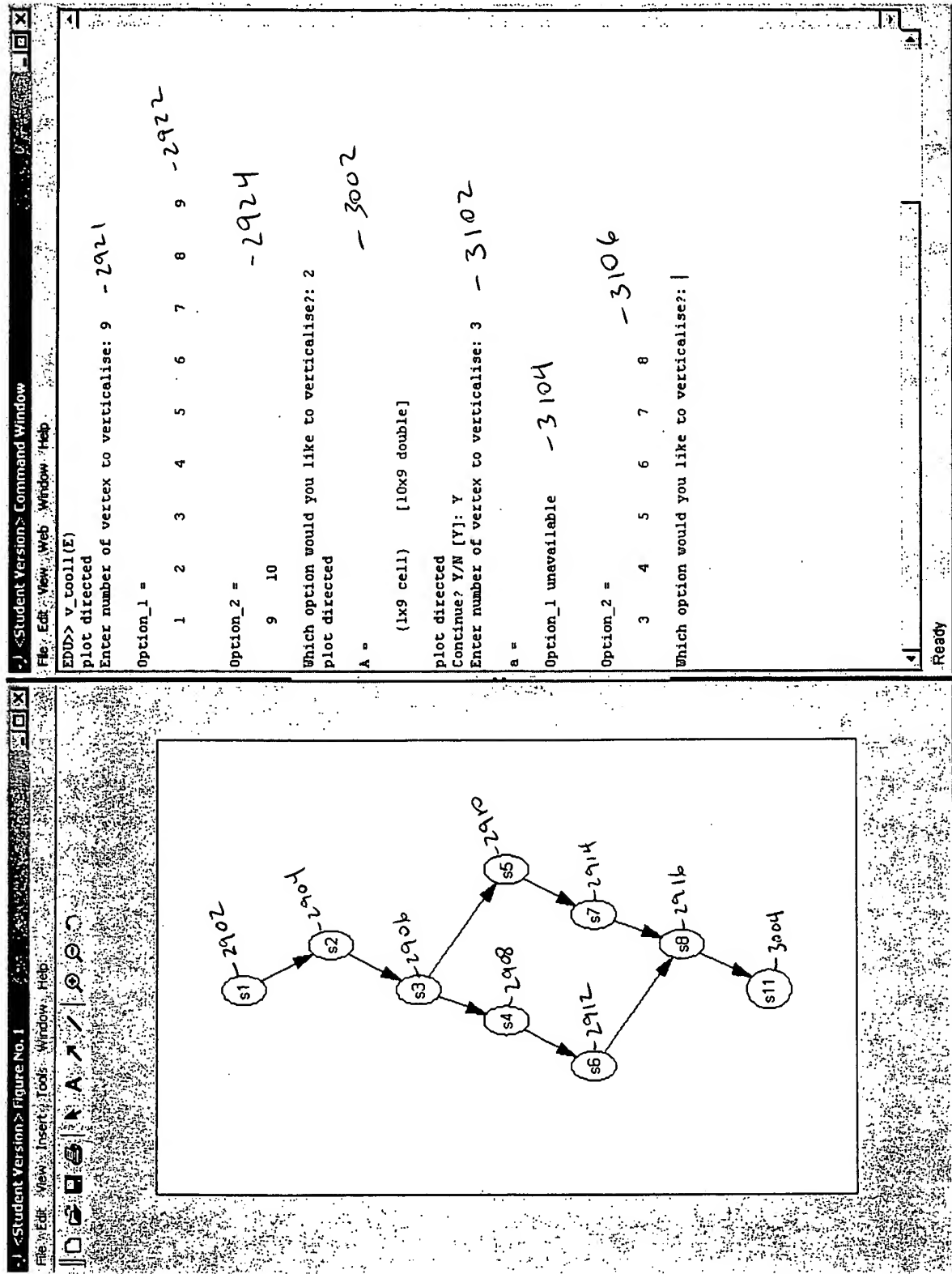


FIG. 31

3200

Figure No. 1

```

graph LR
    s1((s1 -2902)) --> s2((s2 -2904))
    s2 --> s12((s12 -3204))
    s12 --> s11((s11 -3004))
  
```

Student Version > Command Window

File Edit View Web Window Help

Option_2 =

9 10

-2924

Which option would you like to verticalise?: 2

plot directed

A =

(1x9 cell) [10x9 double]

plot directed

Continue? Y/N [Y]:

Enter number of vertex to verticalise: 3 -3102

a =

Option_1 unavailable -3104

Option_2 =

3 4 5 6 7 8

-3106

Which option would you like to verticalise?: 2 -3202

plot directed

A =

(1x4 cell) [5x4 double]

plot directed

Continue? Y/N [Y]:

Enter number of vertex to verticalise: 12 -3204

Option_1 =

1 2 12 -3208

Option_2 =

11 12

-3210

Which option would you like to verticalise?:

Ready

FIG. 32

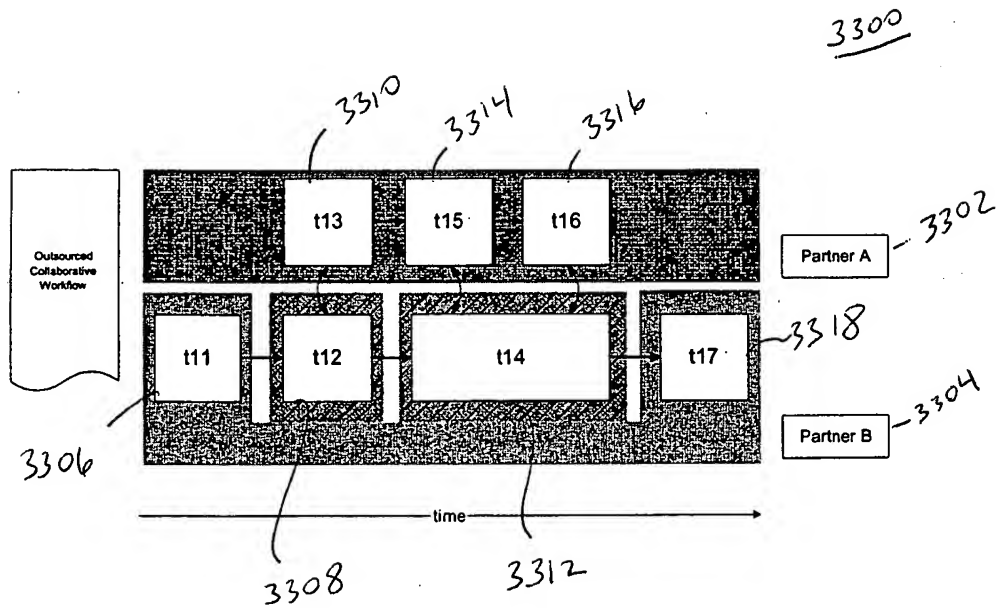


FIG. 33

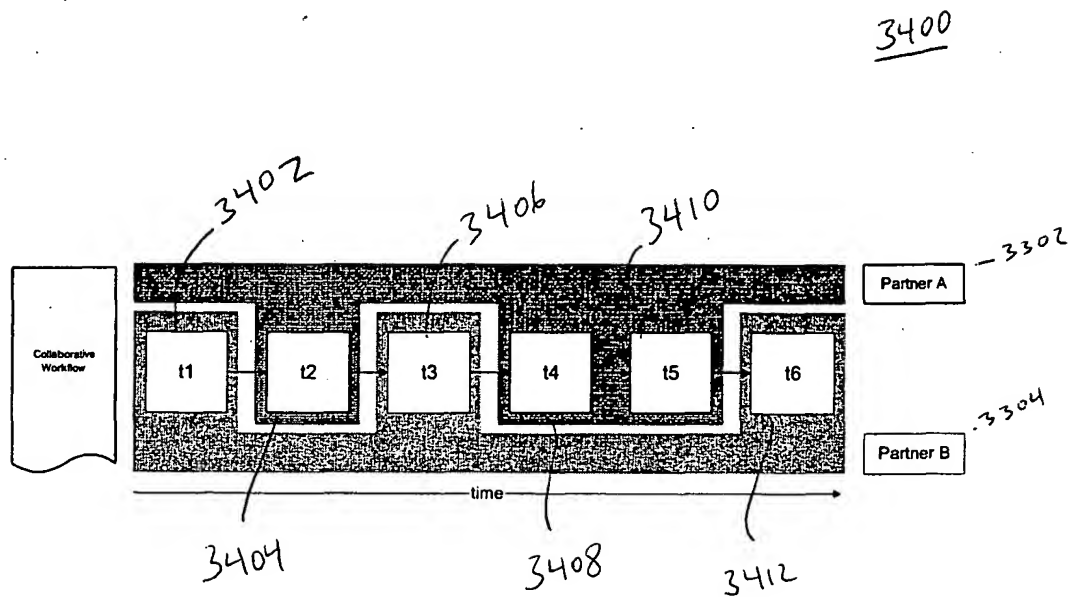


FIG. 34

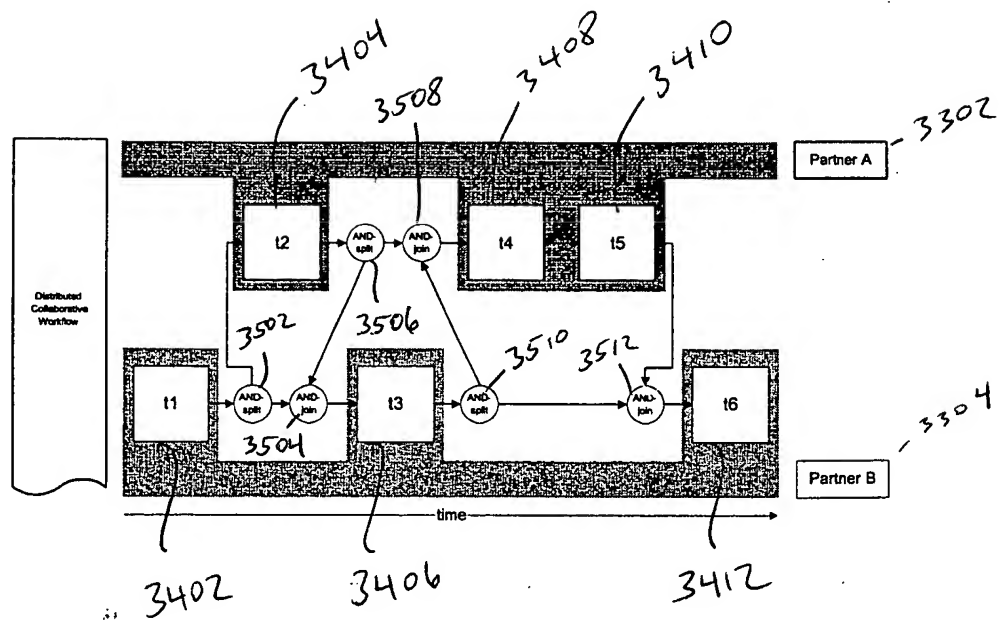


FIG. 35

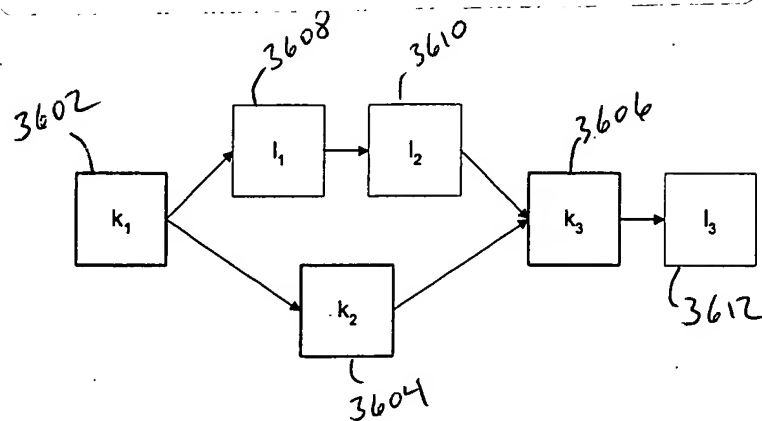


FIG. 36

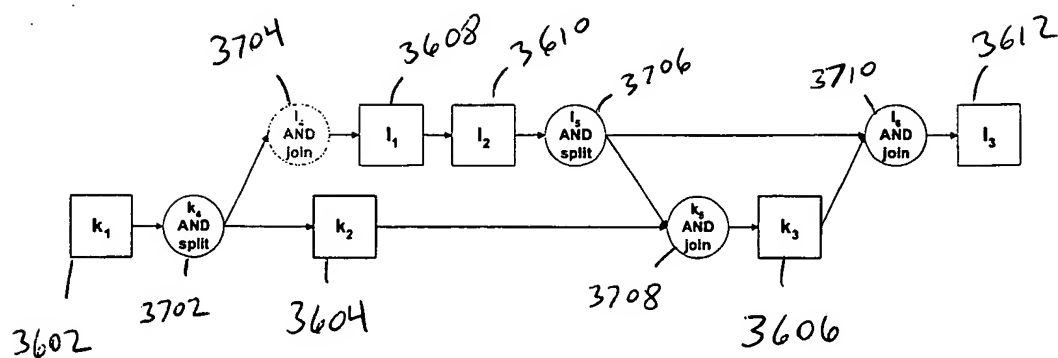










FIG. 37

3800

3802

column-index (j) row-index (i)	1	...	m	m+1	...	m+n
1		...		0	0	0
...	0	0	0
m		...		0	0	0
m+1	0	0	0		...	
...	0	0	0
m+n	0	0	0		...	

3806

3804

FIG. 38

3900

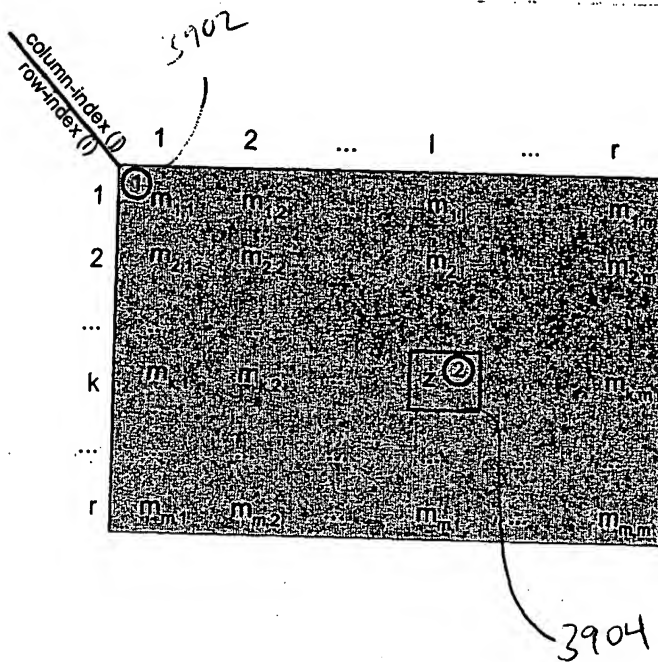


FIG. 39

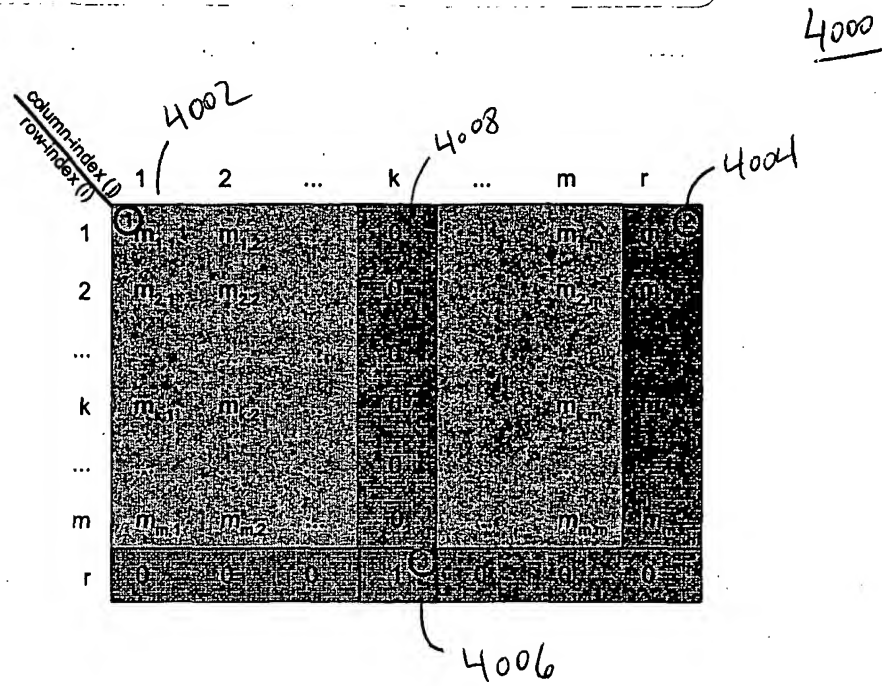


FIG. 40

4100

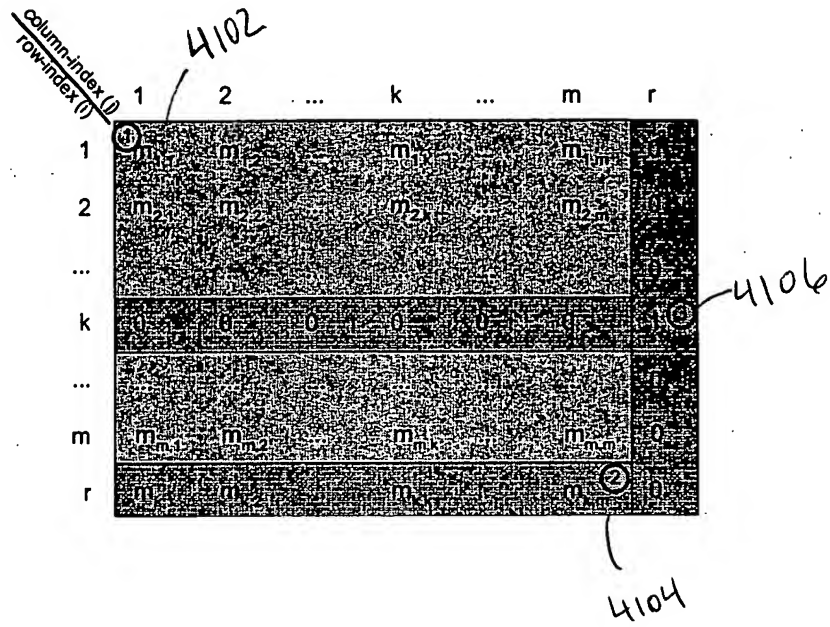


FIG. 41

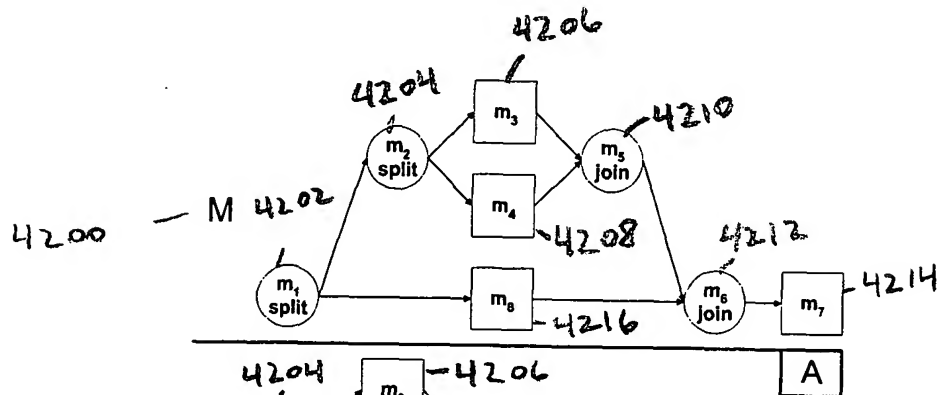


FIG. 42

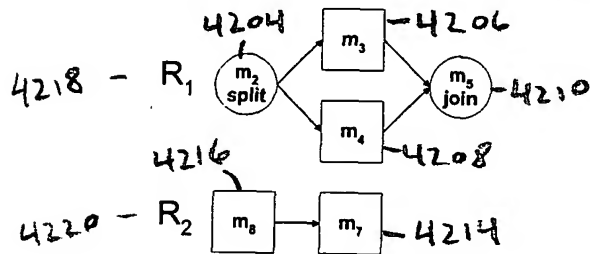


FIG. 42A

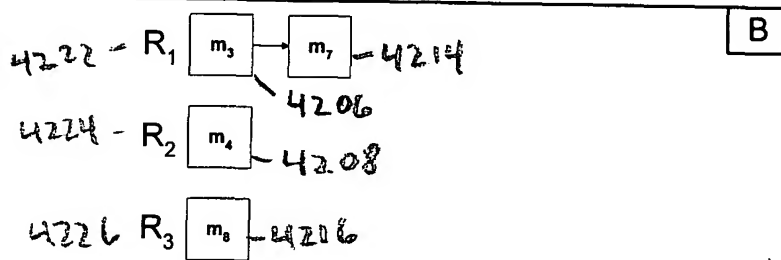


FIG. 42B

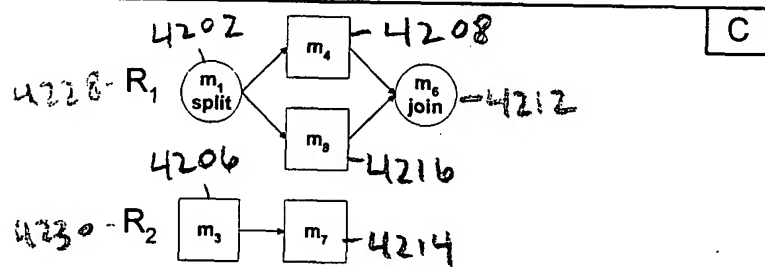


FIG. 42C

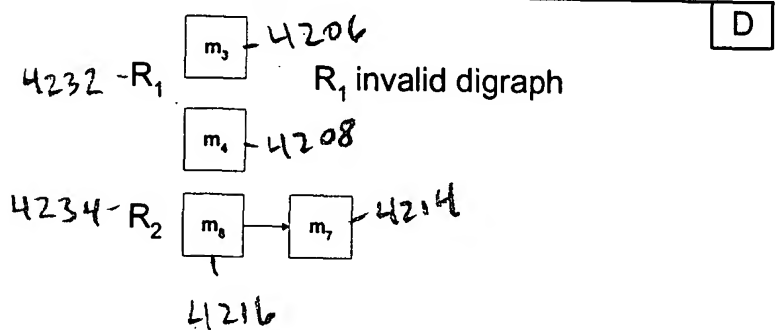


FIG. 42D

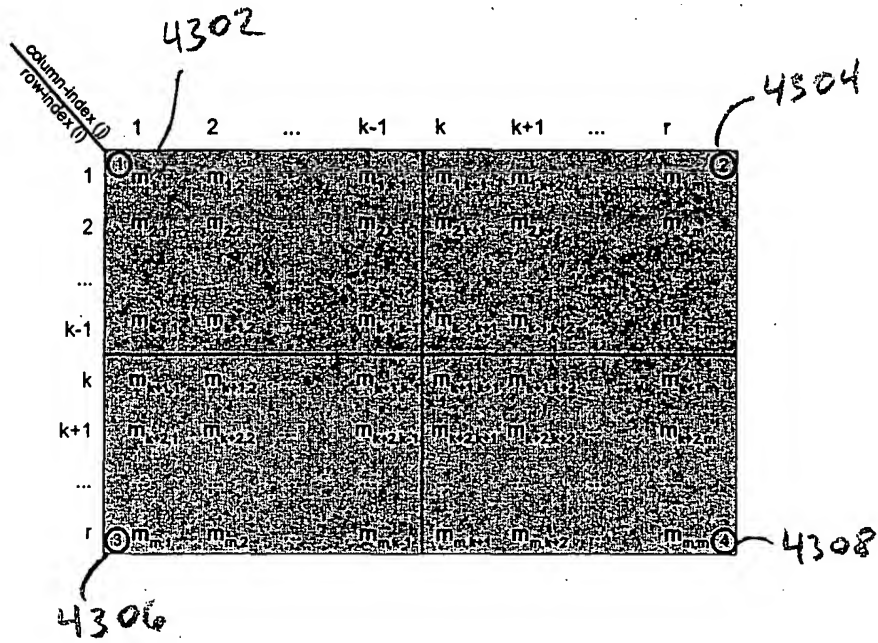
4300

FIG. 43

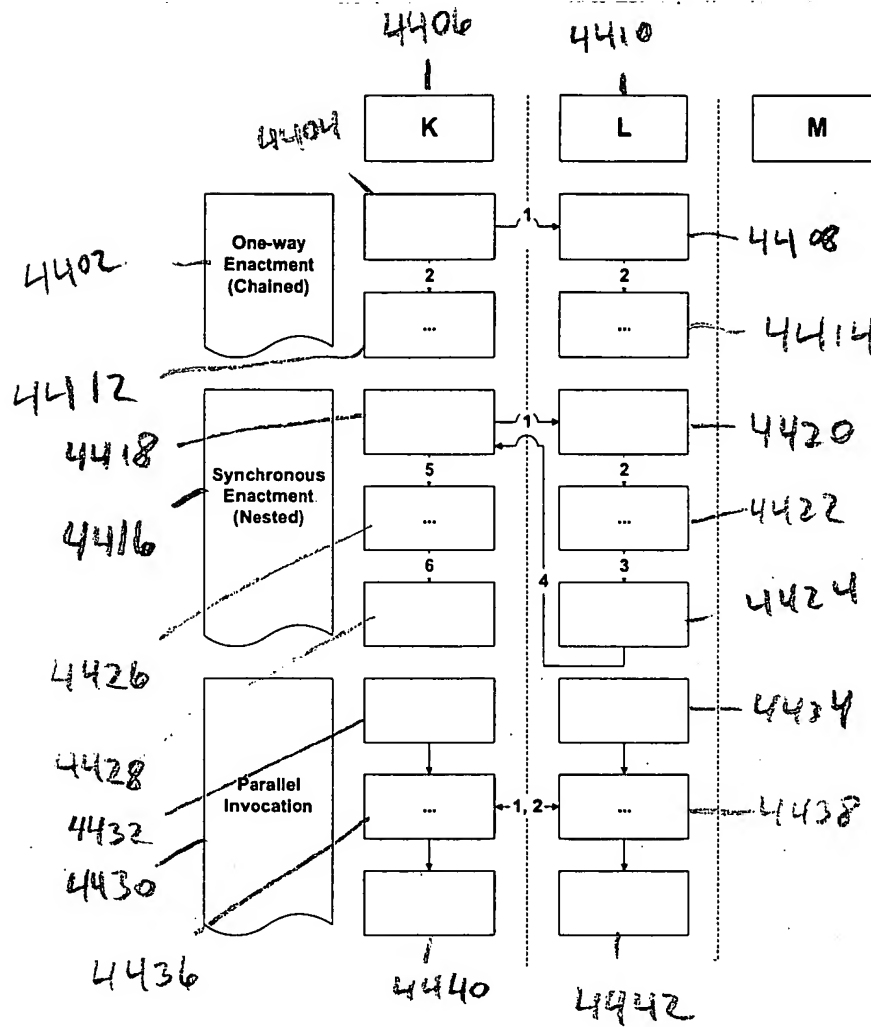


FIG. 44

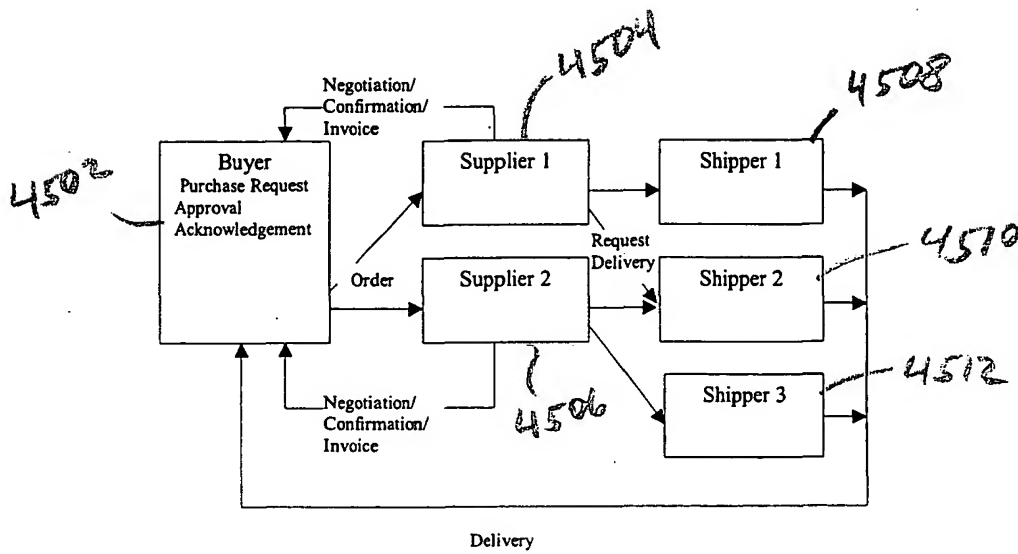


FIG. 45

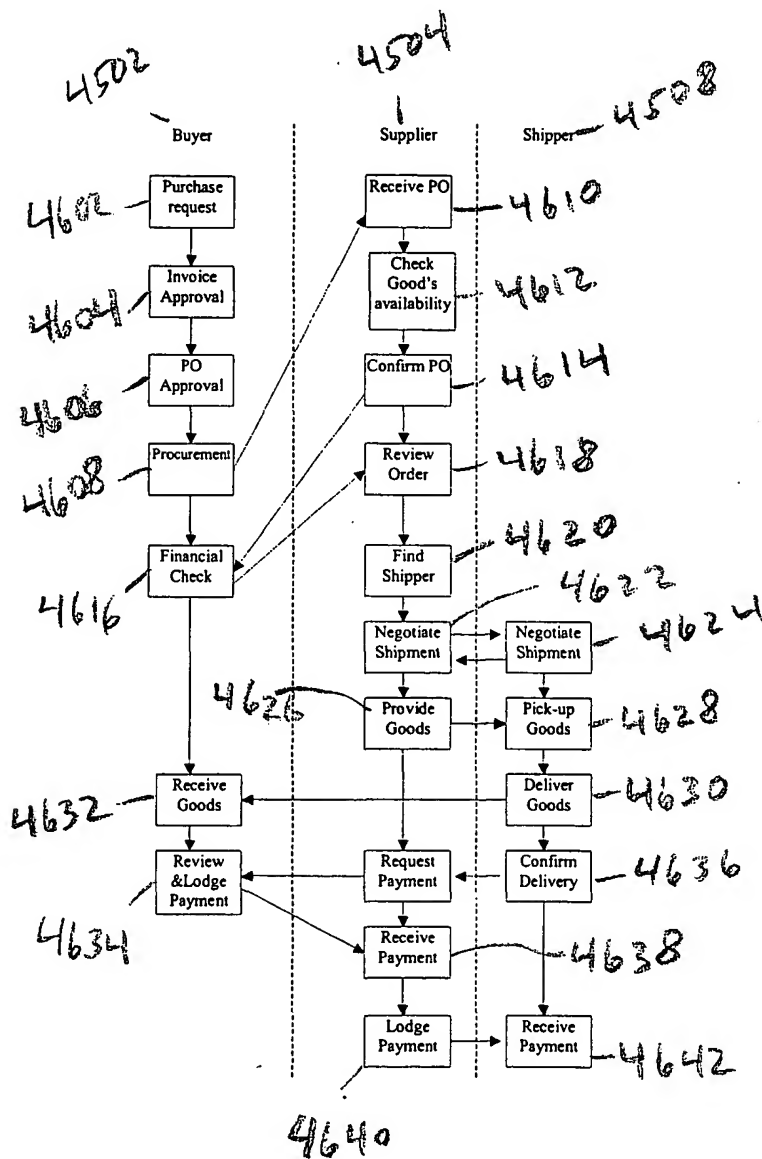


FIG. 46

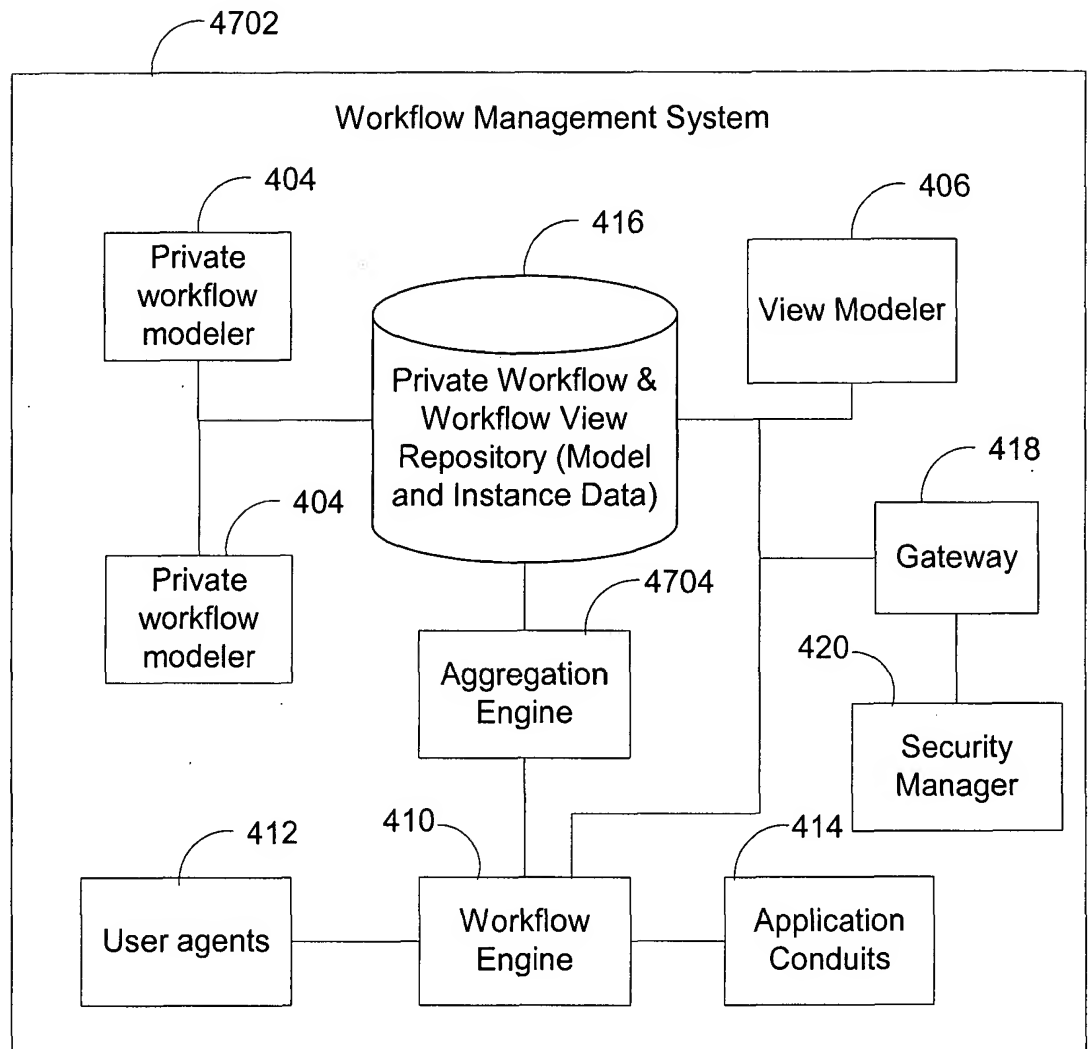


FIG. 47

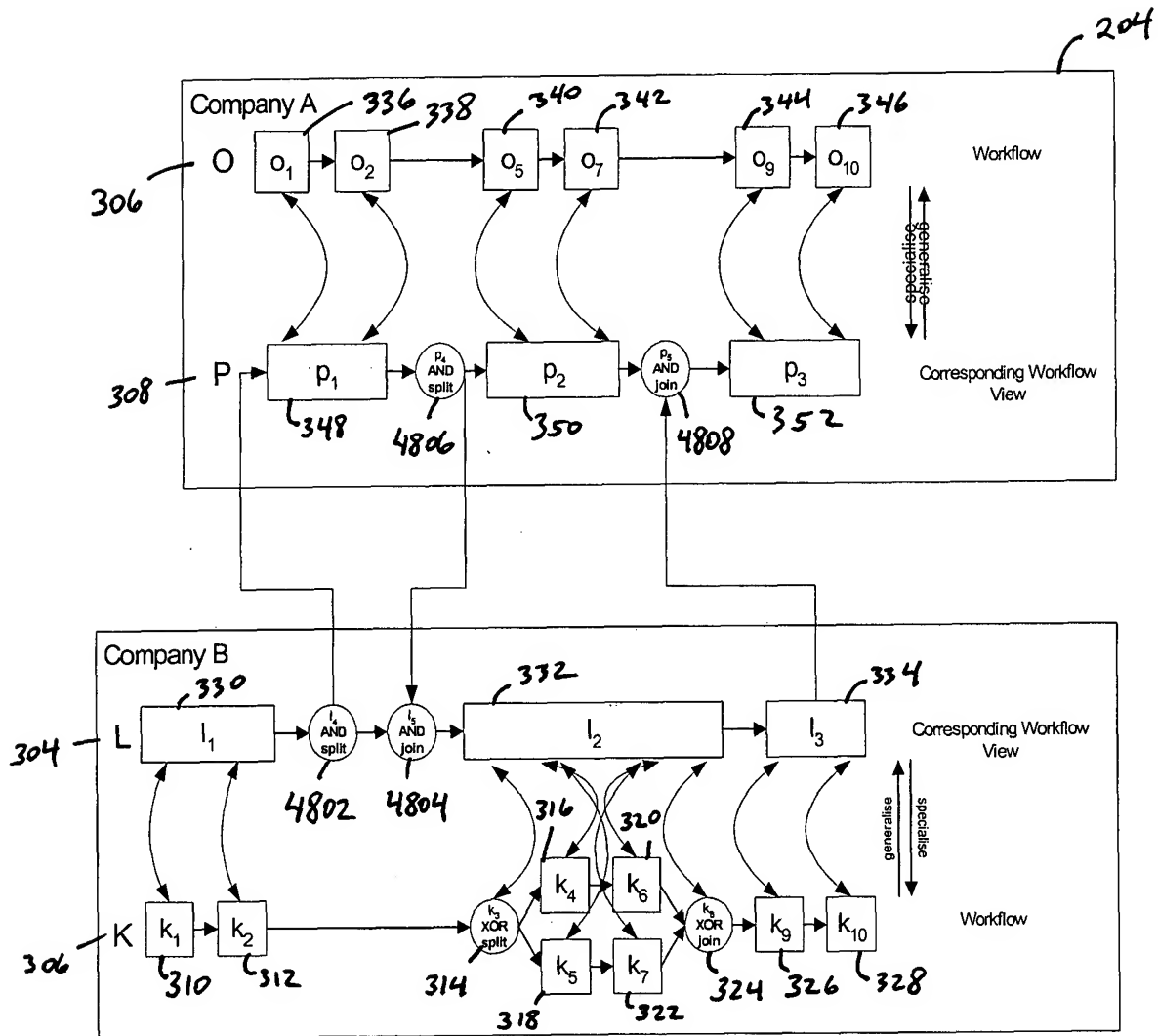


FIG. 48

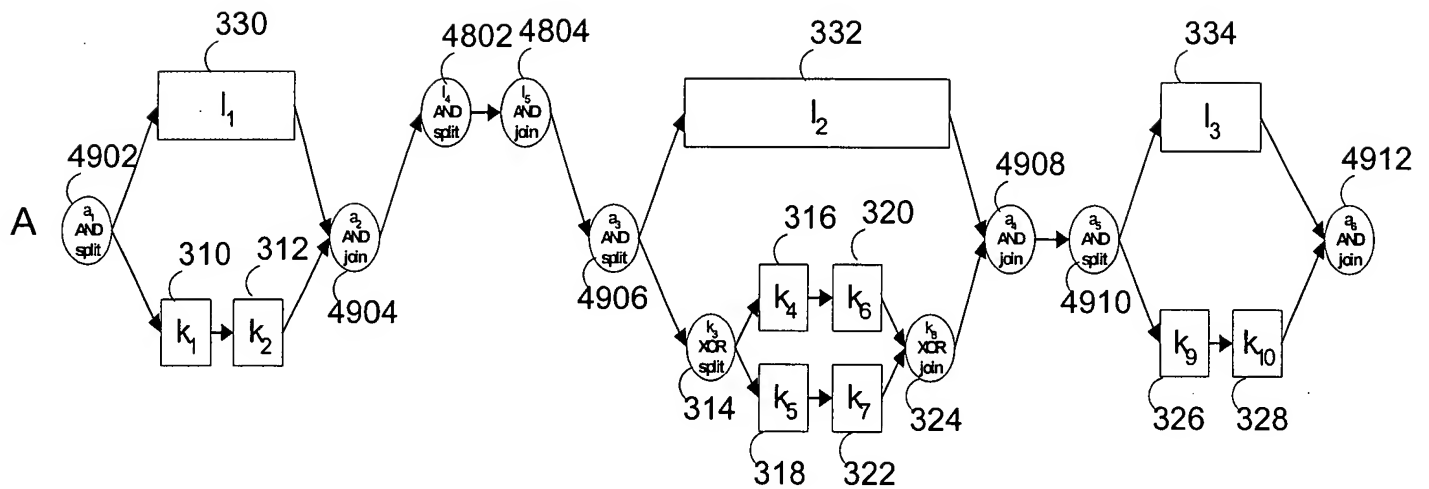
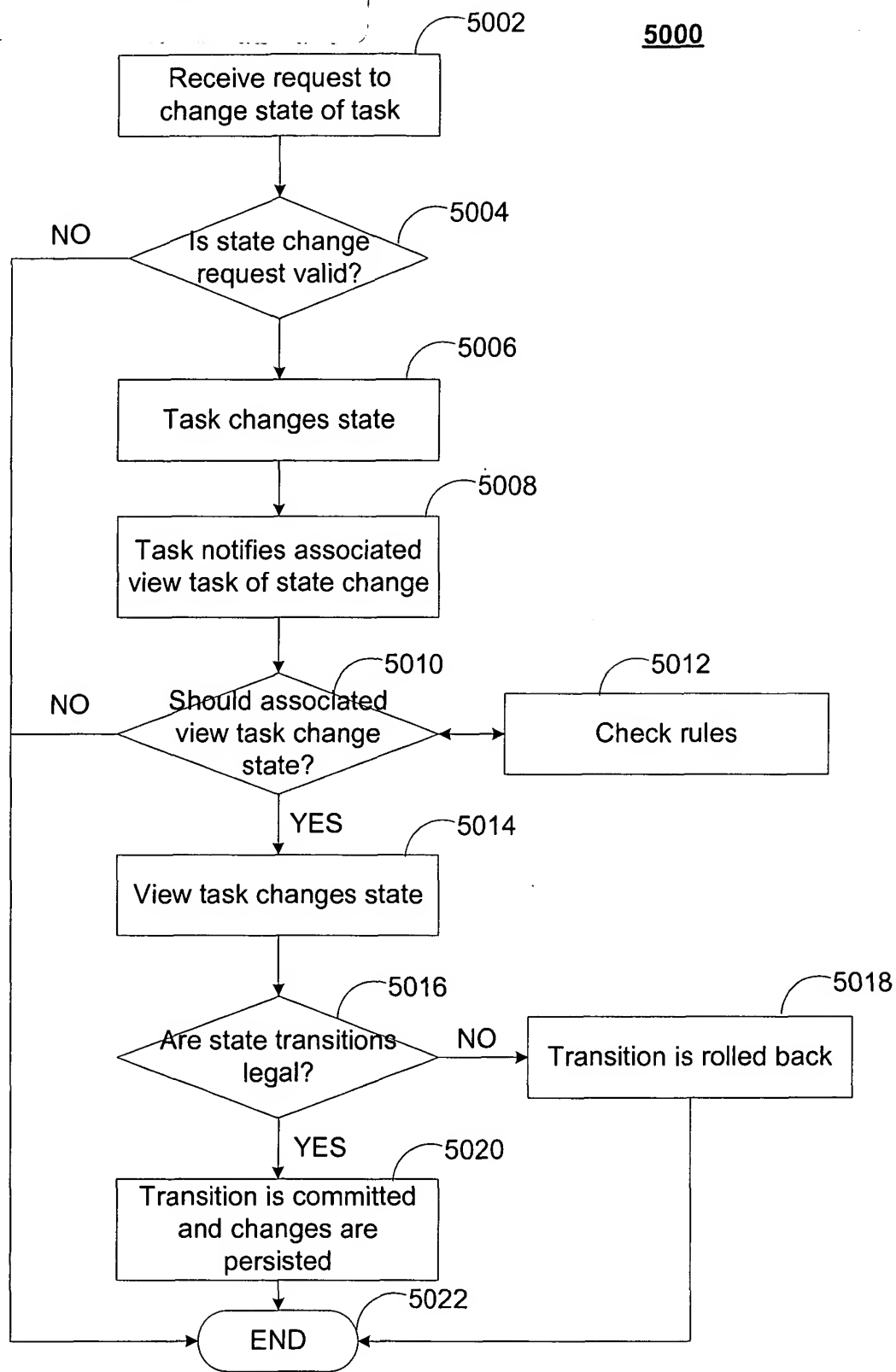
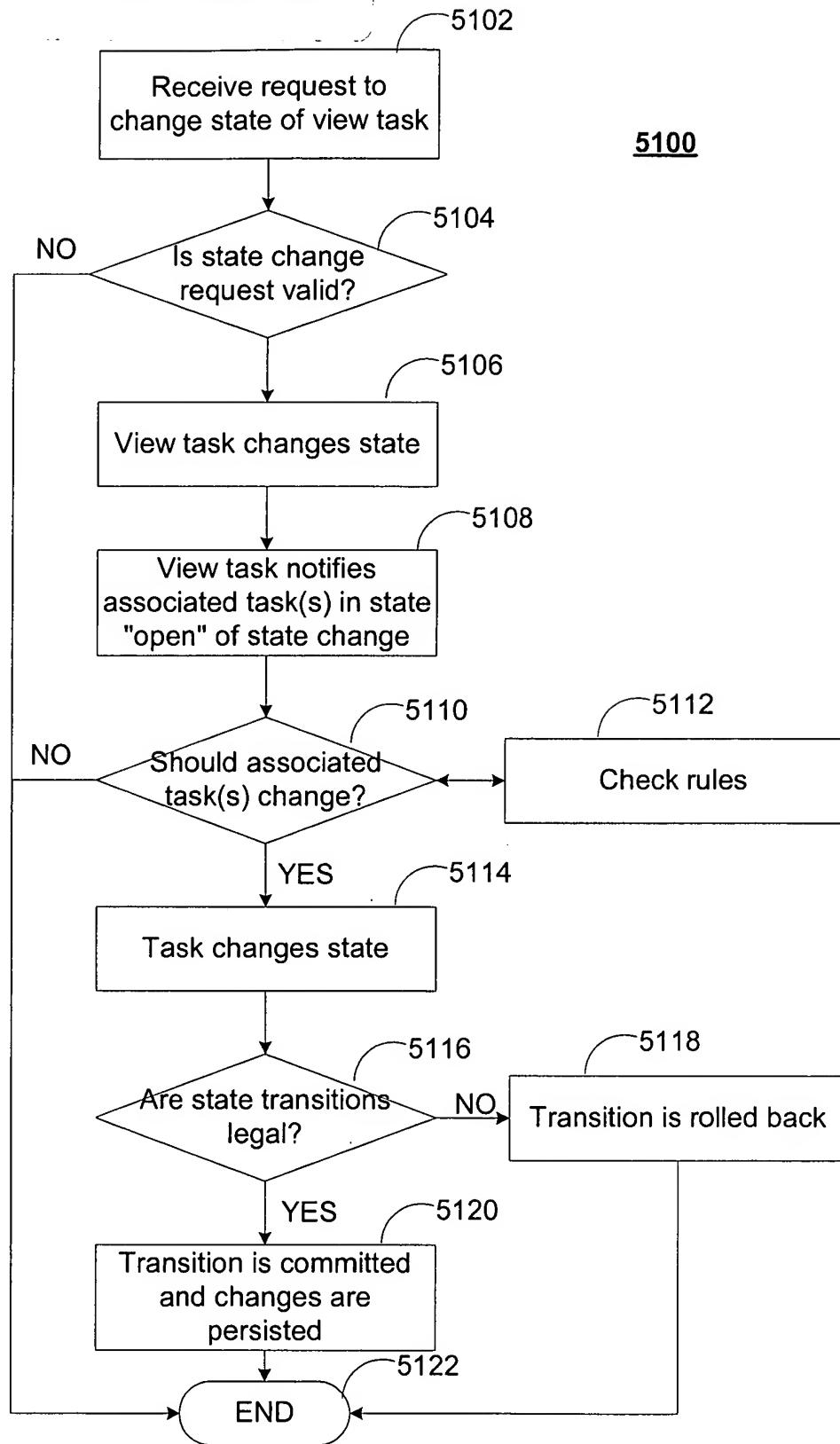
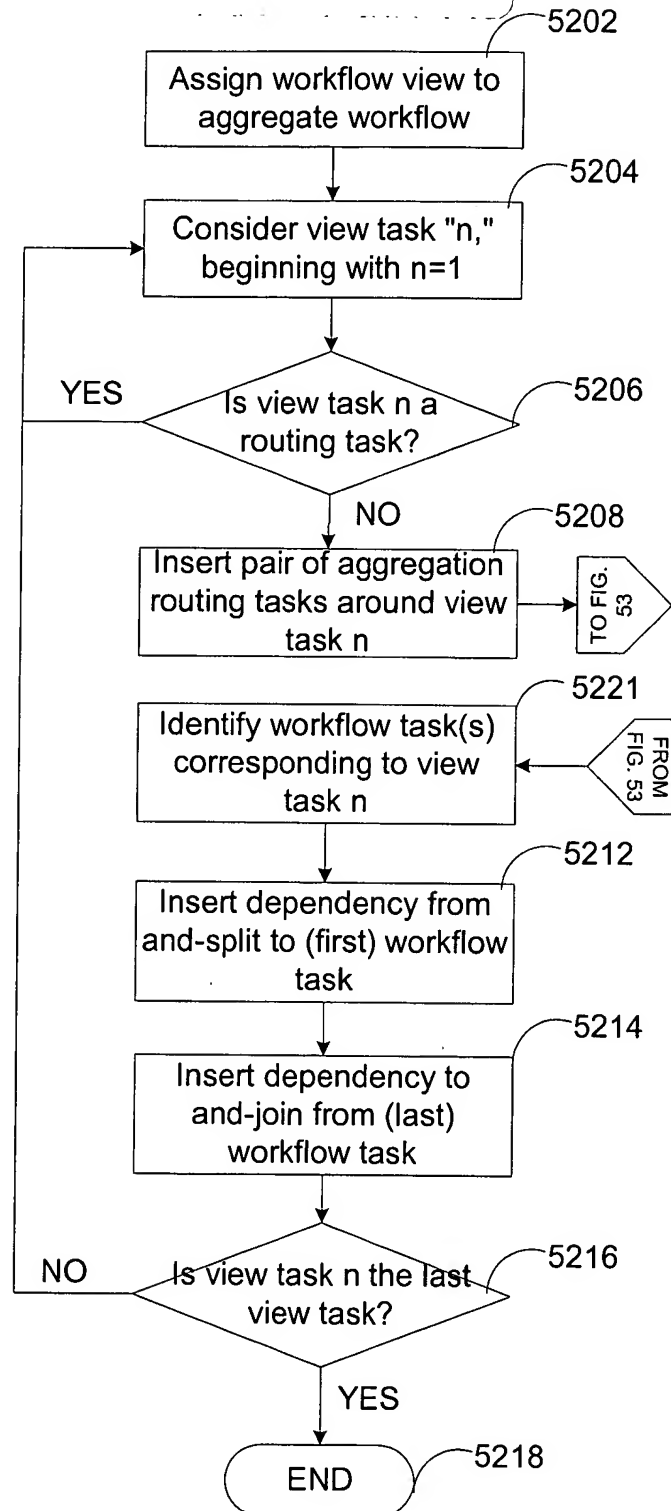
4900

FIG. 49

**FIG. 50**

**FIG. 51**

5200**FIG. 52**

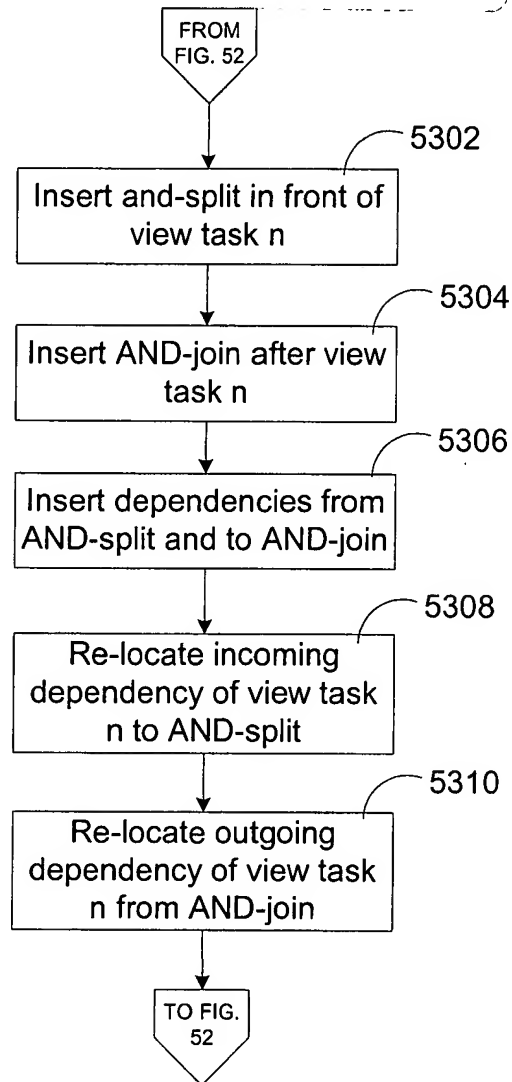


FIG. 53